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THE ARMY STUDY PROGRAM FISCAL YEAR 83 REPORT VOLUME II
(U) OFFICE OF THE CHIEF OF STAFF (ARMY) WASHINGTON D C
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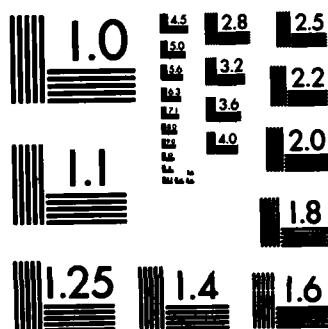
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THE ARMY STUDY PROGRAM

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VOLUME II

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FOREWORD

The FY 83 Army Study Program presented herein includes command and agency study agendas for Fiscal Year 83. An entirely new format has been adopted for this edition. Volume I contains a description of the Army Study Program in terms of TOTAL ARMY GOALS. This utilizes a macro-analytical approach to the FY 83 Study Program to assess the direction taken by the Army study community in responding to HQDA policy on Performance Management Army.

Chapter 1 presents an overview of the total FY 83 Study Program, illustrates the way in which the program addresses all of the goals, and provides information about the total program in terms of combat application, payback, study status, and performance method. General information regarding study sponsors and performers is also included. Chapter 2 provides the same kind of information for each of the seven Army goals, to allow the reader some insight into the expected study emphasis by goal, while Chapter 3 lists each individual study with the accompanying statistical information that is summarized in Chapters 1 and 2.

Volume II contains much of the data contained in former editions of TASP in that it contains listings of individual studies, statistical data pertaining to these studies, and study points of contact. It has been expanded to present more detailed information about each study to include study description, combat application, payback in terms of time, and application to each of the TOTAL ARMY GOALS.

Chapter 1 provides a short narrative description of each of the studies ordered alphabetically by goal; Chapter 3 is a straight alphabetical listing of all the studies in the FY 83 program.

Appendix A provides a list of the Army study coordinators with office symbol, telephone numbers, and location, for ready reference in case of questions about specific studies; Appendix B provides a list of points of contact for DOD studies and analysis, and Appendix C is the distribution list.

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CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

**FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982**

GOAL: READINESS

STUDY: ADVANCE TECHNOLOGY TARGETS FOR INTELLIGENCE RESEARCH AND EXPLOITATION

STUDY NUMBER: 2953 DTIC NUMBER: SPONSOR: ACSI

THIS STUDY WILL PROVIDE A MEANS FOR EARLY IDENTIFICATION OF "LEADS TO INTELLIGENCE OBSERVABLES" OF ADVANCED TECHNOLOGY WEAPONS SYSTEMS DEVELOPMENT, TO ENABLE EXPLOITATION OF THE INTELLIGENCE PRIOR TO ACTUAL FIELDING OF THE WEAPONS SYSTEM.

STUDY: ADVANCED INVENTORY MODELS

STUDY NUMBER: 2670 DTIC NUMBER: DAOK4977 SPONSOR: DARCOM

EFFORT IS FOCUSED ON THE APPLICATION OF INVENTORY THEORY TO ARMY PROBLEMS.

STUDY: AH64 TRAINING DEVICE

STUDY NUMBER: 2887 DTIC NUMBER: SPONSOR: TRADOC

THE PURPOSE OF THIS STUDY IS TO DETERMINE THE MINIMAL ACCEPTABLE STANDARDS OF AIRCREW AND INDIVIDUAL PERFORMANCE FOR THE AH64 TRAINING DEVICE. THE STUDY WILL IDENTIFY THE COMBINATION OF PERSONNEL, TIME AND RESOURCES FOR THE TRAINING PACKAGE TO PROVIDE EFFICIENT TRAINING PERFORMANCE.

STUDY: AIR THREAT TO CENTRAL EUROPE - 1990 (UPDATE)

STUDY NUMBER: 1232 DTIC NUMBER: DAOG7613 SPONSOR: INSCOM

THIS STUDY WILL DEFINE THE GENERAL PARAMETERS OF THE AIR THREAT FACING THE NATO CENTRAL REGION. CONCEPTS OF THEATER AIR WARFARE, PROJECTED AIRCRAFT INVENTORIES, PERFORMANCE CHARACTERISTICS, AND OTHER IMPORTANT INFORMATION WILL BE DEVELOPED FOR USE IN ARMY AIR DEFENSE STUDIES.

STUDY: AMMUNITION AFFORDABILITY ANALYSIS

STUDY NUMBER: 2832 DTIC NUMBER: SPONSOR: CAA

DETERMINATION OF IMPACT OF POTENTIAL FUNDING CONSTRAINTS ON AMMUNITION PROCUREMENT, AND RELATIONSHIP OF IMPACT TO PROJECTED AMMUNITION REQUIREMENTS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

**FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982**

GOAL: READINESS

STUDY: AN/TSQ-73 (TSEA)

STUDY NUMBER: 1915 DTIC NUMBER: DAOG7286 SPONSOR: TRADOC

THIS STUDY WILL DETERMINE THE ACTUAL EFFECTIVENESS OF THE TRAINING SUB-SYSTEM FOR THE AN/TSQ-73 MISSILE MINDER AS COMPARED TO THE DESIGN EFFECTIVENESS. EMPHASIS WILL BE ON THE TRAINING ENVIRONMENT IN EUROPE, WHERE THE REQUIREMENT TO BE OPERATIONAL 24 HOURS A DAY AFFECTS ABILITY TO TRAIN.

STUDY: ANALYSIS OF ENGINEER REQUIREMENTS IN VII CORPS AREA

STUDY NUMBER: 2656 DTIC NUMBER: SPONSOR: COE

THIS STUDY WILL ASSESS THE ENGINEER COMBAT SUPPORT REQUIREMENTS OF THE VII CORPS, QUANTIFY AND PRIORITIZE THE SUPPORT REQUIREMENTS, AND DETERMINE CORPS ENGINEER ABILITY TO ACCOMPLISH THE REQUIREMENTS. NEED FOR ADDITIONAL RESOURCES WILL BE IDENTIFIED.

STUDY: ARMOR REMOTED TARGET SYSTEMS (TDS)

STUDY NUMBER: 2310 DTIC NUMBER: DAOG6795 SPONSOR: TRADOC

THIS STUDY WILL ANALYZE ALTERNATIVE MEANS FOR ADVANCED CREW AND UNIT GUNNERY TRAINING, TO MAXIMIZE THE COMBAT EFFECTIVENESS OF THE ARMOR FORCE.

STUDY: ARMY BATTLEFIELD INTERFACE CONCEPT

STUDY NUMBER: 2571 DTIC NUMBER: DA700341 SPONSOR: TRADOC

THIS STUDY WILL IDENTIFY INTERFACE/INTEROPERABILITY REQUIREMENTS BETWEEN US ARMY BATTLEFIELD AUTOMATED SYSTEMS (BAS) AND BETWEEN US ARMY BAS AND THOSE OF JOINT/ALLIED FORCES, INCLUDING ECHELONS ABOVE CORPS (EAC) SYSTEMS.

STUDY: ARMY RESERVE RECRUITING FACTORS (ARRF)

STUDY NUMBER: 2786 DTIC NUMBER: SPONSOR: USAREC

THE FACTORS THAT AFFECT RECRUITING FOR THE USAR, AND THEIR INTERACTIONS, ARE NOT ADEQUATELY UNDERSTOOD. THIS STUDY WILL QUANTIFY THE RELATIONSHIPS BETWEEN THE FACTORS THAT AFFECT RECRUITING MISSION ACCOMPLISHMENT AND WILL ENABLE THE ARMY TO FORMULATE EFFECTIVE USAR MANNING POLICIES.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES

1 OCTOBER 1982

GOAL: READINESS

STUDY: ARMY RESERVE UNIT MARKET POTENTIAL

STUDY NUMBER: 2475

DTIC NUMBER:

SPONSOR: USAREC

THIS STUDY WILL DEVELOP A MATHEMATICAL MODEL TO ESTIMATE THE MARKET POTENTIAL OF CURRENT AND PLANNED RESERVE UNIT SITES. THE MODEL SHOULD PROVIDE A PREDICTION OF A USAR UNIT'S POTENTIAL FOR SUCCESS BASED ON THE DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS SURROUNDING THE USAR SITE.

STUDY: ARTILLERY REGISTRATION AND ADJUSTMENT SYSTEMS (TDS)

STUDY NUMBER: 2876

DTIC NUMBER:

SPONSOR: TRADOC

THE EFFECTIVENESS OF A TRAINING DEVICE TO SIMULATE THE REGISTRATION AND ADJUSTMENT CAPABILITIES OF THE TDS PROJECTILE IS NOT KNOWN. THIS STUDY WILL CONDUCT THE NECESSARY EFFECTIVENESS ANALYSIS AND RECOMMEND A TRAINING DEVICE WHICH WILL ACCOMPLISH THE SIMULATION.

STUDY: AUTOMATED DESIGN DEFENSE PLANNING PROCEDURES, AIR DEFENSE BATTLEFIELD

STUDY NUMBER: 2893

DTIC NUMBER:

SPONSOR: TRADOC

THIS STUDY WILL PROVIDE RECOMMENDATIONS FOR INTEGRATING THE USE OF CURRENT IN-HOUSE COMPUTERS TO HELP DESIGN AND PLAN AIR DEFENSE ARTILLERY BATTLEFIELD DEFENSES. THE RESULTING AUTOMATED PROCESSES WOULD REPLACE EXISTING MANUAL PLANNING WHICH IS INADEQUATE FOR MISSILE BATTLEFIELD DEFENSE.

STUDY: AUTOMATIC TEST EQUIPMENT (ATE) WORKLOADING MODEL & FACTORS ANALYSIS

STUDY NUMBER: 2911

DTIC NUMBER:

SPONSOR: DARCOM

IDENTIFICATION OF POTENTIAL DEFICIENCIES IN WORKLOADING METHODS AND ASSUMPTIONS (E.G., SET-UPS, TEST AND REPAIR TIMES; NO EVIDENCE OF FAILURE RATES, AUTOMATIC TEST EQUIPMENT ATE RELIABILITY AND AVAILABILITY).

STUDY: AVIATION MAINTENANCE MANPOWER & LOGISTICS ANALYSIS (MALA)

STUDY NUMBER: 2896

DTIC NUMBER:

SPONSOR: DARCOM

PART OF THE OVERALL MALA EFFORT, WITH FOCUS ON EXAMINATION OF METHODS FOR PERFORMING AVIATION MALAS AND COLLECTING THE NECESSARY DATA.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

**FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982**

GOAL: READINESS

STUDY: AVIATOR TRAINING REQUIREMENTS IN THE ARMY NATIONAL GUARD

STUDY NUMBER: 2954 DTIC NUMBER: SPONSOR: NGB

DETERMINATION OF THE IMPACT OF NEW FLIGHT REGIMENS AND REQUIREMENTS FOR PROFICIENCY FLYING TO MAINTAIN QUALIFICATIONS, WHILE IN A PARTTIME AVIATOR STATUS.

STUDY: BATTLEFIELD CIRCULATION CONTROL STUDY

STUDY NUMBER: 2852 DTIC NUMBER: SPONSOR: TRADOC

THIS STUDY WILL DEVELOP DOCTRINAL CONCEPTS FOR ACCOMPLISHMENT OF COORDINATION WITH HOST NATION AND US MOVEMENT CONTROL AGENCIES, AND FOR UPGRADING OF MILITARY POLICE ROUTE SIGNING AND COUNTERMINE TECHNIQUES.

STUDY: BATTLEFIELD RECOVERY AND EVACUATION CAPABILITIES

STUDY NUMBER: 0700 DTIC NUMBER: DA700305 SPONSOR: TRADOC

THIS STUDY WILL ASSESS THE DOCTRINAL, TRAINING, ORGANIZATIONAL AND HARDWARE REQUIREMENTS AND CAPABILITIES FOR RECOVERY AND EVACUATION OF US ARMY WHEELED AND TRACKED VEHICLES OF DIVISIONAL, NON-DIVISIONAL AND CONTINGENCY FORCES.

STUDY: CAVALRY FIGHTING VEHICLE (TEA FOLLOW-UP)

STUDY NUMBER: 2839 DTIC NUMBER: SPONSOR: TRADOC

THIS STUDY WILL EVALUATE THE TRAINING EFFECTIVENESS OF THE CAVALRY FIGHTING VEHICLE NEW EQUIPMENT TRAINING PACKAGE. NECESSARY REVISIONS TO THE CFV TRAINING MATERIALS WILL BE DEFINED.

STUDY: CHAPARRAL (TSEA)

STUDY NUMBER: 2846 DTIC NUMBER: SPONSOR: TRADOC

THIS EFFORT WILL DETERMINE THE ACTUAL EFFECTIVENESS OF THE TRAINING SUBSYSTEM FOR THE CHAPARRAL WEAPONS SYSTEM, WITH PARTICULAR EMPHASIS ON NEWLY FIELDED IDENTIFICATION FRIEND AND FOE (IFF) MODIFICATION.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

**FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982**

GOAL: READINESS

STUDY: CH47 PRODUCTION MODEL FLIGHT SIMULATOR

STUDY NUMBER: 2849 DTIC NUMBER: SPONSOR: TRADOC

THIS EFFORT WILL DETERMINE THE ACTUAL COST AND TRAINING EFFECTIVENESS OF THE CH47 FLIGHT SIMULATOR, AND DETERMINE MEANS TO OPTIMIZE THE SIMULATOR'S USE IN UNIT TRAINING. RESULTS WILL SHOW HOW FIELD COMMANDERS CAN BEST USE THE SIMULATOR FOR SUSTAINMENT TRAINING.

STUDY: COLLATERAL DAMAGE CONSTRAINTS FOR CHEMICAL WEAPONS EMPLOYMENT

STUDY NUMBER: 2779 DTIC NUMBER: SPONSOR: DCSOPS

THIS STUDY WILL ASSESS A EUROPEAN CONFLICT IN WHICH NATO RETALIATES AGAINST THE WARSAW PACT'S FIRST USE OF CHEMICAL WEAPONS, AND FORMULATE INSIGHTS ON STRATEGY, TACTICS, AND DOCTRINE FOR MINIMIZING RISK TO THE CIVILIAN POPULACE.

STUDY: COMBAT DAMAGE REPAIR PROGRAM

STUDY NUMBER: 2912 DTIC NUMBER: SPONSOR: DARCOM

DEVELOPMENT OF A COMPREHENSIVE COMBAT DAMAGE REPAIR PROGRAM, INCLUDING CONSIDERATIONS OF TRAINING, MATERIALS AND TOOLS NEEDED BY DAMAGE REPAIRERS. STUDY IS BASED ON RESULTS OF PREVIOUS IDENTIFICATION OF THE DAMAGE REPAIR WORKLOAD.

STUDY: COMBAT PRESCRIBED LOAD LIST/AVAILABLE SUPPLY LEVEL METHODOLOGY

STUDY NUMBER: 2005 ,DTIC NUMBER: DAPG2717 SPONSOR: DARCOM

DEVELOPMENT AND TEST OF MODELS TO DETERMINE HOW MANY OF WHICH ITEMS SHOULD BE CARRIED TO SUPPORT ORGANIZATIONAL AND DIRECT SUPPORT LEVEL ACTIVITIES UNDER COMBAT CONDITIONS.

STUDY: COMBINED (US/GE) SECOND ECHELON INTERDICTION

STUDY NUMBER: 2556 DTIC NUMBER: DAOG8329 SPONSOR: TRADOC

THIS STUDY WILL DETERMINE THE BENEFITS ASSOCIATED WITH ALLOCATING VARIOUS AMOUNTS OF FIRE SUPPORT TO INTERDICTION EFFORTS TO DELAY/DESTROY SOVIET SECOND ECHELON DIVISIONS TO RELEASE PRESSURE ON FLOT UNITS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

**FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982**

GOAL: READINESS

STUDY: CONTINGENCY FORCE ANALYSIS

STUDY NUMBER: 2416

DTIC NUMBER:

SPONSOR: DCSOPS

ARMY LEADERS MUST HAVE TIMELY AND RELIABLE INFORMATION TO SUPPORT THEIR PARTICIPATION IN JOINT STAFF AND DEFENSE DELIBERATIONS ON CONTINGENCY FORCE OPERATIONS. THIS EFFORT WILL DEVELOP THE CAPABILITY TO QUICKLY ANALYZE POTENTIAL AND ACTUAL CONTINGENCIES.

STUDY: CONUS ARMY MEDICAL DEPARTMENT RESOURCE UTILIZATION IN MOBILIZATION

STUDY NUMBER: 2760

DTIC NUMBER:

SPONSOR: TSG

THIS STUDY WILL DETERMINE THE OPTIMAL MANNER IN WHICH TO PROVIDE MILITARY MEDICAL CARE AND TRAINING IN CONUS FOR THE MAXIMUM NUMBER OF UNIFORMED PERSONNEL FOLLOWING MOBILIZATION.

STUDY: CORPS SUPPORT WEAPONS SYSTEM (CTEA)

STUDY NUMBER: 1875

DTIC NUMBER: DAOG7212

SPONSOR: TRADOC

THIS STUDY WILL DETERMINE THE MOST COST EFFECTIVE METHOD OF TRAINING FOR THE CORPS SUPPORT WEAPON SYSTEM.

STUDY: CROSS ASSIGNMENT OF RECRUITING MISSIONS

STUDY NUMBER: 2781

DTIC NUMBER:

SPONSOR: USAREC

THE EFFECTS OF CROSS ASSIGNMENT OF THE USAR AND RA MISSIONS BETWEEN USAR AND AR RECRUITERS HAVE BEEN TESTED. THIS STUDY WILL ANALYZE THE TEST RESULTS TO MEASURE THE MISSION ACCOMPLISHMENT OF THE TEST AND CONTROL GROUPS TO DETERMINE IF STATISTICALLY SIGNIFICANT DIFFERENCES EXIST.

STUDY: C3 COUNTERMEASURES

STUDY NUMBER: 2856

DTIC NUMBER:

SPONSOR: TRADOC

EFFECTIVE COMMAND, CONTROL AND COMMUNICATIONS (C3) IS CRITICAL TO THE SUCCESSFUL OPERATION OF MODERN MILITARY FORCES. THIS STUDY WILL CONDUCT INDEPTH ANALYSIS OF ELECTRO-MAGNETIC PULSE (EMP), DECEPTION, SPECIAL OPERATING FORCES (SOF) AND MANEUVER FORCE C3CM METHODOLOGIES.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

**FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982**

GOAL: READINESS

STUDY: DETECTION AND TRACKING TACTICAL NUCLEAR WEAPONS, EUROPEAN BATTLEFIELD

STUDY NUMBER: 2860 DTIC NUMBER: SPONSOR: TRADOC

THIS STUDY WILL ADDRESS THE PROBLEM OF HOW TO DETECT AND TRACK THE LOCATION OF TACTICAL NUCLEAR WEAPON DELIVERY SYSTEMS AND THEIR ASSOCIATED WARHEADS DURING ALL PHASES OF BATTLE.

STUDY: DISTRICT RECRUITING COMMAND MANPOWER STUDY

STUDY NUMBER: 2782 DTIC NUMBER: SPONSOR: USAREC

USAREC REQUIRES A MODEL FOR USE IN EVALUATING THE EFFICIENCY OF ITS 56 DISTRICT RECRUITING COMMANDS (DRC). THE MODEL WILL ENABLE USAREC TO MEASURE THE EFFICIENCY OF EACH DRC RELATIVE TO OTHER SIMILAR DRC BY TRANSFORMING RESOURCE INPUTS INTO MISSION OUTPUTS.

STUDY: DIVAD SUBCALIBER DEVICE TRAINING DEVELOPMENT REQUIREMENT (CTEA)

STUDY NUMBER: 2530 DTIC NUMBER: SPONSOR: TRADOC

THIS STUDY WILL DETERMINE THE FEASIBILITY, COST AND TRAINING EFFECTIVENESS OF A "SUBCALIBER" TRAINING DEVICE TO BE USED TO CONDUCT DIVAD GUN PROFICIENCY TRAINING. RESULTANT STUDY DATA WILL BE USED IN THE DESIGN, DEVELOPMENT AND FIELDING OF THE DIVAD GUN TRAINING DEVICE.

STUDY: DOLLARS TO READINESS

STUDY NUMBER: 2777 DTIC NUMBER: SPONSOR: DCSOPS

A METHODOLOGY IS REQUIRED THAT QUANTIFIES READINESS. A JCS/IDA STUDY IS EXPLORING THE RELATIONSHIP BETWEEN BUDGET MEASURES AND READINESS ACHIEVED. ADDITIONAL REFINEMENT OF THIS INITIAL WORK IS NEEDED TO DETERMINE LINKAGES BETWEEN RESOURCES AND LEVELS OF READINESS.

STUDY: DYNAMIC ANALYSIS OF AMMUNITION PRODUCTION BASE

STUDY NUMBER: 2906 DTIC NUMBER: SPONSOR: DARCOM

DESCRIPTION OF EXPECTED RESPONSES OF THE AMMUNITION PRODUCTION BASE TO A WIDE RANGE OF MOBILIZATION STRATEGIES.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

**FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982**

GOAL: READINESS

STUDY: ELEVATED SENSOR PLATFORM ANALYSIS (CTEA)

STUDY NUMBER: 2850 DTIC NUMBER: SPONSOR: TRADOC

CURRENT GROUND SURVEILLANCE RADARS (GSRs) ARE NOT ADEQUATE FOR FIELD ARTILLERY TARGETING. THIS STUDY WILL DEVELOP COST AND TRAINING EFFECTIVENESS DATA TO SERVE AS A BASIS FOR A MILESTONE II MATERIEL DEVELOPMENT DECISION.

STUDY: ENLISTMENT INCENTIVES STUDY

STUDY NUMBER: 2483 DTIC NUMBER: SPONSOR: USAREC

THIS PROJECT SERVES AS AN "UMBRELLA" UNDER WHICH USAREC PLANS, COORDINATES, MONITORS, ANALYZES, AND INTEGRATES RESULTS FROM MAJOR ARMY AND DOD INCENTIVE TEST PROGRAMS SUCH AS THE FY 81 DOD EDUCATIONAL ASSISTANCE TEST PROGRAM AND THE FY 82-84 ARMY ENLISTMENT BONUS TEST PROGRAM.

STUDY: ENLISTMENT PROJECTION MODEL (EPM)

STUDY NUMBER: 2478 DTIC NUMBER: SPONSOR: USAREC

THE ENLISTMENT PROJECTION MODEL WILL PROVIDE A MULTI-VARIABLE APPROACH TO THE ALLOCATION OF USAREC MISSIONS TO THE 56 DISTRICT RECRUITING COMMANDS. OBJECTIVES OF THE MODEL ARE TO DISTRIBUTE (SUB-OPTIMAL) DRC MISSIONS BASED ON HISTORICAL PERFORMANCE, DEMOGRAPHIC AND OTHER VARIABLES.

STUDY: EVALUATION OF PHYSICAL READINESS PROGRAM

STUDY NUMBER: 2762 DTIC NUMBER: SPONSOR: TSG

THIS STUDY WILL EVALUATE THE RELATIVE EFFECTIVENESS OF A REPRESENTATIVE SAMPLE OF PHYSICAL FITNESS AND WEIGHT CONTROL PROGRAMS BEING USED BY ARMY INSTALLATIONS.

STUDY: EVALUATION OF PROVISIONING PROCEDURES

STUDY NUMBER: 0740 DTIC NUMBER: DAOA5045 SPONSOR: DARCOM

DEVELOPMENT AND APPLICATION OF METHODS FOR QUANTITATIVE AND QUALITATIVE EVALUATION OF INITIAL PROVISIONING PROCEDURES FOR FIELDED ARMY SYSTEMS. EXAMINING SELECTED SYSTEMS (E.G., XM1) FOR SAMPLE DATA AND FIELD EXPERIENCED PARAMETERS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982

GOAL: READINESS

STUDY: FEDERAL EMPLOYEE UNIONS & MOBILIZATION

STUDY NUMBER: 2929

DTIC NUMBER:

SPONSOR: DCSPER

THERE IS NO CURRENT GUIDANCE OR CASE LAW REGARDING ARMY OBLIGATIONS TOWARD UNIONS IN TIME OF MOBILIZATION. THERE IS A NEED TO GET AND MAINTAIN THE FULL SUPPORT OF UNIONS DURING MOBILIZATIONS. THIS STUDY WILL PROVIDE INSIGHTS FOR FUTURE UNION/ARMY NEGOTIATIONS.

STUDY: FIGHTING VEHICLE TRAINING AMMUNITION (TEA)

STUDY NUMBER: 2837

DTIC NUMBER:

SPONSOR: TRADOC

THIS STUDY WILL DETERMINE LEVELS OF GUNNERY TRAINING PROFICIENCY IN TERMS OF TRAINING AMMUNITION REQUIRED. THE IMPACT OF INCREASING OR DECREASING TRAINING AMMUNITION QUANTITIES WILL BE MEASURED IN TERMS OF TRAINING PROFICIENCY/TRAINING EFFECTIVENESS.

STUDY: FIGHTING VEHICLE UNIT CONDUCT OF FIRE (UCOF) TRAINER

STUDY NUMBER: 2838

DTIC NUMBER:

SPONSOR: TRADOC

THIS EFFORT WILL DEVELOP VALIDATED, EMPIRICALLY-BASED UCOF TRAINING REQUIREMENTS, PERFORMANCE STANDARDS FOR GUNNER/COMMANDER SKILL QUALIFICATION, INITIAL ENTRY DIAGNOSTIC TESTING AND PREDICTION OF FULL-CALIBER FIELD FIRING PERFORMANCE.

STUDY: GROUND SURVEILLANCE REMOTE RADAR SYSTEM (CTEA)

STUDY NUMBER: 2878

DTIC NUMBER:

SPONSOR: TRADOC

TRAINING REQUIREMENTS AND INSTRUCTION TECHNOLOGIES FOR THE GROUND SURVEILLANCE REMOTE RADAR SYSTEM - TDS ARE NOT KNOWN. THIS STUDY WILL INDICATE THE MOST COST EFFECTIVE TRAINING METHODOLOGIES FOR THE SYSTEM.

STUDY: GROUND SURVEILLANCE REMOTE RADAR SYSTEM (TDS)

STUDY NUMBER: 2877

DTIC NUMBER:

SPONSOR: TRADOC

TRAINING REQUIREMENTS AND INSTRUCTION TECHNOLOGIES FOR THE GROUND SURVEILLANCE REMOTE RADAR SYSTEM ARE NOT KNOWN. THIS STUDY WILL INDICATE THE PREFERRED COST EFFECTIVE TRAINING METHODS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

**FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982**

GOAL: READINESS

STUDY: HIGH SCHOOL & BEYOND SURVEY

STUDY NUMBER: 2484 DTIC NUMBER: SPONSOR: USAREC

THE OBJECTIVES OF THIS STUDY ARE TO DETERMINE THE DESIRES AND ABILITIES OF PARENTS TO FINANCE COLLEGE EDUCATION, TO RELATE SCHOLASTIC ABILITY TO ATTITUDES AND DESIRES, AND TO DETERMINE SPECIFIC RESPONSES TO MILITARY EMPLOYMENT OPTIONS.

STUDY: IDENTIFICATION/DOCUMENTATION OF READINESS RSI FUNCTIONS

STUDY NUMBER: 2901 DTIC NUMBER: DAOH0272 SPONSOR: DARCOM

STANDARDIZATION OF RATIONALIZATION, STANDARDIZATION AND INTEROPERABILITY FUNCTIONS AT ALL LEVELS TO PROVIDE VISIBILITY AND IMPROVED MANAGEMENT AND CONTROL.

STUDY: INFANTRY REMOTE TARGET SYSTEMS (CTEA)

STUDY NUMBER: 2871 DTIC NUMBER: SPONSOR: TRADOC

THIS STUDY WILL DETERMINE THE MOST COST-EFFECTIVE ALTERNATIVE TARGET SYSTEM FOR CONDUCTING RIFLE MARKSMANSHIP TRAINING. DATA FROM THE STUDY WILL BE USED BY ARMY TRAINERS FOR DEVELOPING MARKSMANSHIP TRAINING PROGRAMS.

STUDY: INTELLIGENCE ELECTRONIC WARFARE SUPPORT TO AIR DEFENSE OPERATIONS

STUDY NUMBER: 2854 DTIC NUMBER: SPONSOR: TRADOC

HISTORICALLY, THE TACTICAL AIR DEFENSE SYSTEM RECEIVED INFORMATION FROM AIR FORCE ON ENEMY AIR THREAT. ARMY TACTICAL IEW SENSORS WILL INCREASE OVER THE NEXT 8-10 YEARS. THIS STUDY WILL DETERMINE THE ARMY'S ABILITY TO PROVIDE SENSOR-DEVELOPED THREAT INFORMATION TO ARMY USERS.

STUDY: KOREAN AIR FIELD DAMAGE REPAIR

STUDY NUMBER: 2397 DTIC NUMBER: SPONSOR: COE

THIS EFFORT WILL QUANTIFY AIR BASE DAMAGE FROM AIR AND SPECIAL FORCES ATTACKS, EVALUATE ENGINEER REPAIR REQUIREMENTS AND CAPABILITIES, AND MAKE RECOMMENDATIONS FOR REDUCING VULNERABILITY. RESULTS WILL BE USED TO ALLOCATE ENGINEER RESOURCES.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES

1 OCTOBER 1982

GOAL: READINESS

STUDY: MACHINE TOOL INDUSTRY STUDY

STUDY NUMBER: 2907

DTIC NUMBER:

SPONSOR: DARCOM

IDENTIFICATION OF POLICY OR PROCEDURAL RECOMMENDATIONS RELATIVE TO THE MACHINE TOOL INDUSTRY'S CAPABILITIES, AND ASSESSMENT OF THE INDUSTRY'S ABILITY TO RESPOND TO THE RECOMMENDATIONS.

STUDY: MATERIELS HANDLING AND PROCESSING

STUDY NUMBER: 1347

DTIC NUMBER: DA0Y4992

SPONSOR: DARCOM

THIS STUDY WILL ANALYZE THE TOBYHANNA MAINTENANCE DIRECTORATE MATERIEL HANDLING AND PROCESSING SYSTEMS, TO RECOMMEND A MODERN, EFFICIENT, AND COST EFFECTIVE SYSTEM FOR HANDLING, PROCESSING, STORING, AND CONTROLLING MATERIEL IN SUPPORT OF DEPOT MAINTENANCE.

STUDY: MEDICAL DEFENSE AGAINST BIOLOGICAL WARFARE AGENTS

STUDY NUMBER: 2764

DTIC NUMBER:

SPONSOR: TSG

THIS STUDY WILL DEVELOP A COMPREHENSIVE ARMY MEDICAL DEPARTMENT POLICY CONCERNING IMMUNIZATION NEEDS AND VACCINE PROCUREMENT REQUIREMENTS FOR MEDICAL DEFENSE AGAINST POTENTIAL BIOLOGICAL WARFARE AGENTS.

STUDY: MEDICAL SUPPORT IN AN NBC ENVIRONMENT

STUDY NUMBER: 2491

DTIC NUMBER:

SPONSOR: TSG

IDENTIFICATION OF IMPLICATIONS AND TECHNIQUES FOR PROVISION OF SUPPORT UNDER NBC CONDITIONS.

STUDY: METEOROLOGICAL DATA SYSTEMS (TDS)

STUDY NUMBER: 2862

DTIC NUMBER:

SPONSOR: TRADOC

THERE IS CURRENTLY NO BASIS FOR DETERMINATION OF THE MOST COST EFFECTIVE TRAINING DEVICE FOR THE METEOROLOGICAL DATA SYSTEM (TDS). RESULTS OF THIS STUDY SHOULD INDICATE HOW EFFECTIVE SELECTED TRAINING DEVICES WILL BE AND WHICH WILL BE COST EFFECTIVE.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982

GOAL: READINESS

STUDY: METHODOLOGY FOR LOGISTIC SUPPORTABILITY

STUDY NUMBER: 1048 DTIC NUMBER: DA0B5075 SPONSOR: DARCOM

DEVELOPMENT AND IMPLEMENTATION OF APPROACHES TO INNOVATION AND IMPROVEMENT
IN TEST DESIGN AND EVALUATION OF LOGISTICS SUPPORTABILITY.

STUDY: MIDDLE EAST TARGETING ANALYSIS

STUDY NUMBER: 2399 DTIC NUMBER: SPONSOR: COE

THIS STUDY WILL DEVELOP A METHOD TO ANALYZE INTERDICTION TARGETS, SELECT
NOTIONAL TARGET TYPES, DEVELOP US AIR AND GROUND ATTACK STRATEGIES, AND
ASSESS US EFFORT AND DAMAGE LEVELS. RESULTS WILL PROVIDE INPUT DATA FOR
MODELING EFFORTS AND FORCE CAPABILITY ASSESSMENTS.

STUDY: MILITARY OPERATIONS RESEARCH SYMPOSIUM

STUDY NUMBER: 2630 DTIC NUMBER: SPONSOR: OCSA

PROVIDE SUPPORT TO SEMI-ANNUAL CLASSIFIED SYMPOSIA ON DOD OPERATIONAL
ANALYSIS.

STUDY: MOBILIZATION REQUIREMENTS MODEL (MOBREM)

STUDY NUMBER: 0498 DTIC NUMBER: SPONSOR: DCSOPS

THIS STUDY WILL PROVIDE A MOBILIZATION BASE REQUIREMENT MODEL (MOBREM)
OR METHODOLOGY THROUGH WHICH TIME PHASED CONUS BASE REQUIREMENTS CAN BE
DERIVED, ANALYZED, AND UTILIZED IN MOBILIZATION PLANNING AND PROGRAMING.

STUDY: MORTAR TRAINING DEVELOPMENT STUDY

STUDY NUMBER: 2851 DTIC NUMBER: SPONSOR: TRADOC

THIS STUDY WILL IDENTIFY PERFORMANCE PROBLEMS IN MORTAR FIRING, AND
ANALYZE TRAINING DEFICIENCIES THAT CONTRIBUTE TO THESE PROBLEMS.
RECOMMENDATIONS WILL BE MADE FOR NEW INSTITUTIONAL AND UNIT MORTAR
TRAINING PROGRAMS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982

GOAL: READINESS

STUDY: MULTIPLE LAUNCH ROCKET SYSTEM (CTEA)

STUDY NUMBER: 0461 DTIC NUMBER: DAOG8611 SPONSOR: TRADOC

THIS STUDY WILL DETERMINE THE TRAINING EFFECTIVENESS OF THE MULTIPLE LAUNCH ROCKET SYSTEM TRAINING DEVICES AND THE ASSOCIATED PROGRAM OF INSTRUCTION. THE RATE OF TRAINING DECAY WILL ALSO BE DETERMINED.

STUDY: NATIONAL ADVERTISING EFFECTIVENESS STUDY

STUDY NUMBER: 2474 DTIC NUMBER: SPONSOR: USAREC

THIS STUDY WILL DEVELOP MEASURES OF ADVERTISING EFFECTIVENESS, DEVELOP A SURVEY INSTRUMENT AND A DETAILED SAMPLING AND DATA ANALYSIS PLAN, CONDUCT THE SURVEY AND ANALYZE DATA COLLECTED FROM THE SURVEY, AND REVISE THE SURVEY INSTRUMENT AND PLANS IN PREPARATION FOR THE NEXT SURVEY.

STUDY: OMNIBUS CAPABILITY STUDY - 82

STUDY NUMBER: 0539 DTIC NUMBER: DAOG7167 SPONSOR: DCSOPS

THE OBJECTIVE OF THIS STUDY IS TO PROVIDE AN ASSESSMENT OF THE END FY82 FORCE CAPABILITY IN A GLOBAL SCENARIO. RESULTS OF THE STUDY WILL BE USED IN SUPPORT OF THE POM AND BUDGET DEVELOPMENT, CONGRESSIONAL BUDGET HEARINGS, AND ARMY INPUT TO JOINT PLANNING DOCUMENTS.

STUDY: OMNIBUS 83

STUDY NUMBER: 2775 DTIC NUMBER: SPONSOR: DCSOPS

THERE IS A CONTINUING NEED TO ASSESS THE OPERATIONAL CAPABILITY OF THE CURRENT FORCE, TO DEVELOP ACTIONS TO IMPROVE CURRENT CAPABILITY, AND TO ASSESS A SELECTED PROGRAMED FORCE CAPABILITY. THIS STUDY PROVIDES THE BASIS FOR DECISIONS TO REDUCE IMPACTS OF FORCE LIMITATIONS.

STUDY: OPERATIONAL DEMOGRAPHIC ANALYSIS

STUDY NUMBER: 0334 DTIC NUMBER: SPONSOR: USAREC

THIS STUDY WILL PROVIDE DEMOGRAPHIC VARIABLES THAT ARE RELATED TO RECRUITING, AND SOCIO-ECONOMIC INDICES DERIVED FROM THESE VARIABLES, FOR EACH ZIP CODE.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

**FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982**

GOAL: READINESS

STUDY: OPERATIONAL READINESS ORIENTED LOGISTICS SUPPORT MODEL

STUDY NUMBER: 0746 DTIC NUMBER: DAOS4977 SPONSOR: DARCOM

IDENTIFICATION, TEST, REFINEMENT AND PROMOTION OF MODELS WHICH DETERMINE STOCKAGE QUANTITIES BASED ON COST AND OPERATIONAL AVAILABILITY CONSIDERATIONS.

STUDY: PERSONNEL LONG RANGE PLANNING SYSTEM (PLRPS)

STUDY NUMBER: 2784 DTIC NUMBER: SPONSOR: USAREC

THE PURPOSE OF THIS EFFORT WILL BE TO DEVELOP AN OPERATIONAL LONG RANGE PERSONNEL PLANNING SYSTEM. THE PLRPS WILL PROVIDE THE ARMY A MEANS OF ADDRESSING QUESTIONS CONCERNING PERSONNEL POLICIES AND THEIR LONG RANGE IMPACT ON THE ARMY MANNING SYSTEM.

STUDY: PROTECTION & INSPECTION OF SUBSISTENCE IN AN NBC ENVIRONMENT

STUDY NUMBER: 2766 DTIC NUMBER: SPONSOR: TSG

THIS STUDY WILL DEVELOP AND RECOMMEND DOCTRINE AND POLICY FOR IMPROVED PROTECTION AND INSPECTION OF FOOD IN THE NUCLEAR, BIOLOGICAL, CHEMICAL ENVIRONMENT.

STUDY: RECRUITING INCENTIVES SURVEY (RIS)

STUDY NUMBER: 2783 DTIC NUMBER: SPONSOR: USAREC

THIS EFFORT WILL ANALYZE THE RELATIVE EFFECTIVENESS OF VARIOUS RECRUITING INCENTIVES, SUCH AS BONUSES AND THE ARMY COLLEGE FUND, AND QUANTIFY THE RESULTS SO THAT AN OPTIMUM MIX CAN BE DETERMINED. RESULTS ARE REQUIRED FOR THE FY 84 RECRUITING INCENTIVES PROGRAM.

STUDY: REDUCING SOLDIER LOAD

STUDY NUMBER: 2749 DTIC NUMBER: SPONSOR: TRADOC

THIS STUDY WILL INVESTIGATE SOLDIER LOAD REQUIREMENTS TO DETERMINE HOW TO BETTER CLOTHE AND PROTECT THE SOLDIER IN A WARTIME ENVIRONMENT WHILE REALIZING A SIGNIFICANT REDUCTION IN TOTAL WEIGHT TO BE CARRIED.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES

1 OCTOBER 1982

GOAL: READINESS

STUDY REGIONAL MOBILIZATION READINESS CAPABILITY - US ARMY CORPS OF ENGINEERS

STUDY NUMBER: 2788

DTIC NUMBER:

SPONSOR: COE

THIS EFFORT WILL EVALUATE MOBILIZATION READINESS OF USACE AS DEMONSTRATED IN MOBEX 83 AND REGIONAL READINESS REPORTING, AND RECOMMEND CORRECTIVE ACTIONS TO IMPROVE USACE READINESS AND GUIDE FUTURE READINESS EVALUATIONS.

STUDY RELATION BETWEEN RECRUITING RESOURCES, ENVIRONMENT, & US ARMY RECRUITING

STUDY NUMBER: 2477

DTIC NUMBER:

SPONSOR: USAREC

THE OBJECTIVE OF THIS EFFORT IS TO DESIGN AND IMPLEMENT A RECRUITING RESOURCE ALLOCATION SYSTEM WITH ITS ASSOCIATED MODELS, COST-ESTIMATING RELATIONSHIPS, OPTIMIZATION ALGORITHMS, AND DATA BASES WHICH USAREC CAN USE TO DETERMINE THE OPTIMAL MIX OF RESOURCES TO MEET ARMY RECRUITING NEEDS.

STUDY: SECURITY OF NUCLEAR WEAPONS MOVEMENTS

STUDY NUMBER: 2797

DTIC NUMBER:

SPONSOR: DCSPER

THIS STUDY WILL REVIEW NUCLEAR SECURITY AND RESUPPLY DOCTRINE TO ASSESS IF MOTOR MOVEMENT IN A COMBAT ENVIRONMENT IN THE EUROPEAN THEATER IS POSSIBLE. POTENTIAL PROBLEM AREAS WILL BE IDENTIFIED, ALTERNATIVES TO MOTOR MOVEMENT WILL BE CONSIDERED, AND DOCTRINE CHANGES RECOMMENDED.

STUDY: SIMULATION TRAINER ANTIARMOR GUNNERY SYSTEMS (TDS)

STUDY NUMBER: 2861

DTIC NUMBER:

SPONSOR: TRADOC

THIS STUDY WILL DETERMINE THE COST AND TRAINING EFFECTIVENESS OF THE SIMULATION TRAINING ANTIARMOR GUNNERY SYSTEM (STAGS-D) TRAINING DEVICE AS A DRAGON GUNNERY QUALIFICATION TRAINER. RESOURCE REQUIREMENTS NECESSARY FOR THE DEVICE TO ATTAIN DESIGNED PERFORMANCE STANDARDS WILL BE DETERMINED

STUDY: SOVIET ANALYTICAL MODELS - II (SAM II/SAM-83)

STUDY NUMBER: 2952

DTIC NUMBER:

SPONSOR: ACSI

THIS STUDY WILL PROVIDE THE ARMY WITH AN ANALYTICAL TOOL FOR REPRESENTING THREAT BATTLE PLANNING, AND WHICH MORE ACCURATELY REFLECTS THREAT DECISION MAKING PROCESSES AND DECISIONS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES

1 OCTOBER 1982

GOAL: READINESS

STUDY: SOVIET SOLDIER: BASED ON IMMIGRANTS WITH SOVIET MILITARY BACKGROUND

STUDY NUMBER: 2935

DTIC NUMBER:

SPONSOR: ACSI

THERE IS A COMPILATION OF DATA OBTAINED FROM OVER 4000 IMMIGRANTS WITH A SOVIET MILITARY BACKGROUND. USING THAT DATA, THIS STUDY WILL PROVIDE A BETTER UNDERSTANDING OF THE SOVIET CITIZEN-SOLDIER AND A DATA BASE WHICH CAN BE USED TO SUPPORT FUTURE STUDIES AND APPRAISALS.

STUDY: SOVIET/WARSAW PACT CHEM WARFARE CAPABILITIES & EMPLOYMENT (PROJECTION)

STUDY NUMBER: 1238

DTIC NUMBER: DAOG7605

SPONSOR: INSCOM

THIS STUDY WILL ANALYZE THE THREAT FROM THE EMPLOYMENT OF A MIX OF SOVIET/WARSAW PACT CHEMICAL, TACTICAL NUCLEAR, AND CONVENTIONAL TO NUCLEAR/CHEMICAL WARFARE. THIS STUDY WILL DRAW ON STRATEGIC AND TACTICAL INTELLIGENCE PROJECTIONS AND COMPLEMENT THE PROJECTIONS.

STUDY: TANK WEAPON GUN SIMULATION SYSTEM (CTEA)

STUDY NUMBER: 2333

DTIC NUMBER: DAOG7283

SPONSOR: TRADOC

THIS STUDY WILL EVALUATE THE POTENTIAL COST AND TRAINING EFFECTIVENESS OF THE TANK WEAPONS GUNNERY SIMULATION SYSTEM (TWGSS) PROPOSED FOR USE IN INSTITUTIONAL AND UNIT GUNNERY TRAINING PROGRAMS. A GOAL IS TO INTEGRATE MAIN GUN GUNNERY AND TACTICAL SKILLS INTO ONE TRAINING PROGRAM.

STUDY: TEXTILE AND APPAREL INDUSTRY CAPABILITIES FOR MOBILIZATION

STUDY NUMBER: 2622

DTIC NUMBER: DAOK4173

SPONSOR: DARCOM

DETERMINATION OF DEFENSE REQUIREMENTS FOR TEXTILES AND CLOTHING AND THE EXTENT TO WHICH US INDUSTRY CAN MEET THE REQUIREMENTS.

STUDY: THREAT AMMUNITION LOGISTICS CAPABILITIES

STUDY NUMBER: 1922

DTIC NUMBER: DAOG7285

SPONSOR: TRADOC

THIS STUDY WILL DEVELOP A QUANTITATIVE EVALUATION OF THE WARSAW PACT LOGISTICS SYSTEM AND ITS CAPABILITY TO SUPPORT COMBAT. RESULTS OF THIS EFFORT WILL ENABLE MORE REALISTIC REPRESENTATIONS OF WARSAW PACT FORCES IN SIMULATIONS, WARGAMES AND OTHER STUDIES.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

**FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982**

GOAL: READINESS

STUDY: TREATMENT OF ITEM ESSENTIALITY IN COMMODITY COMMAND STANDARD SYSTEM

STUDY NUMBER: 2007 DTIC NUMBER: DAOG4033 SPONSOR: DARCOM

DEVELOPMENT OF METHOD FOR PRODUCING ESSENTIALITY MEASURES FOR USE IN SECONDARY ITEMS REQUIREMENTS COMPUTATIONS. OF CONCERN IS THE ISSUE OF READINESS VS. COST.

STUDY: UNIT READINESS INDICATORS

STUDY NUMBER: 2928 DTIC NUMBER: SPONSOR: DCSPER

THERE IS CURRENTLY NO WAY TO LINK MACRO LEVEL MOS PROJECTIONS TO PREDICTIONS FOR READINESS RATINGS IN THE SAME PERIOD. THIS STUDY WILL DEVELOP A METHOD FOR PREDICTING UNIT PERSONNEL READINESS STATUS BASED ON AR 220-1 UNIT READINESS REPORTING.

STUDY: UNIT ROTATION SYSTEM ANALYSIS - III

STUDY NUMBER: 2951 DTIC NUMBER: SPONSOR: DCSPER

THIS STUDY IS A FOLLOW-ON TO TWO PREVIOUS STUDIES OF THE SAME TITLE. THIS EFFORT WILL FOCUS ON AN 18/18 (18 MONTH CONUS, 18 MONTH EUROPE) TOUR APPROACH TO UNIT ROTATION. IT WILL PROVIDE INSIGHT INTO THE IMPACTS IN TERMS OF MANPOWER, DOLLARS, POLICY, AND CAREERS OF INDIVIDUAL SOLDIERS.

STUDY: UPDATING FAILURE FACTORS

STUDY NUMBER: 2003 DTIC NUMBER: DAOA5081 SPONSOR: DARCOM

ENGINEERING ESTIMATES OF FAILURE FACTORS OFTEN DO NOT REFLECT ACTUAL EXPERIENCE. THE PURPOSE OF THIS EFFORT IS TO DEVELOP AN AUTOMATED METHOD OF UPDATING THE INITIAL ESTIMATED FAILURE FACTORS WITH EXPERIENCED REPLACEMENT RATES FOR PARTS AND FIELDIED SYSTEMS.

STUDY: USARMY CORPS OF ENGINEER MANPOWER STUDY

STUDY NUMBER: 2787 DTIC NUMBER: SPONSOR: COE

THIS STUDY WILL DEVELOP A METHODOLOGY TO SYSTEMATICALLY ANALYZE BOTH CIVILIAN AND MILITARY FUNDED MANPOWER BASED ON QUANTIFIABLE AND FUNCTIONING WORKLOAD DATA, AND A METHOD TO PRIORITIZE AND DISTRIBUTE SPACES BY FUNCTION, PROGRAM, AND ORGANIZATIONAL ELEMENTS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

**FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982**

GOAL: READINESS

STUDY: V CORPS ENGINEER ESTIMATE

STUDY NUMBER: 2790 DTIC NUMBER: SPONSOR: COE

V CORPS GENERAL DEFENSE PLANS HAVE BEEN REVISED SUBSTANTIALLY SINCE THE 1978 ENGINEER ESTIMATE. AN UPDATED ESTIMATE IS NEEDED TO COMPLETE A 1982 ESTIMATE FOR VII CORPS AND TO SUPPORT OPERATIONAL PLANNING AND DECISIONS IN V CORPS.

STUDY: VETERINARY DOCTRINE IN SUPPORT OF MOBILIZATION

STUDY NUMBER: 2759 DTIC NUMBER: SPONSOR: TSG

THIS STUDY WILL DEVELOP RECOMMENDED DOCTRINE FOR VETERINARY SUPPORT DURING MOBILIZATION. MAJOR ISSUES TO BE ADDRESSED INCLUDE TRI-SERVICE SUPPORT, TRAINING AND MILITARY WORKING DOG PROGRAMS.

STUDY: VIPER ANTITANK WEAPONS SYSTEM TRAINING PROGRAM (CTEA)

STUDY NUMBER: 0009 DTIC NUMBER: SPONSOR: TRADOC

THIS STUDY WILL DETERMINE THE MOST COST EFFECTIVE VIPER TRAINING PROGRAM FOR USE BY ACTIVE AND RESERVE UNITS TO SATISFY VIPER SYSTEMS GUNNERY TRAINING REQUIREMENTS FOR COMBAT EFFECTIVENESS.

STUDY: VOLUNTEER VETERAN MOBILIZATION

STUDY NUMBER: 2796 DTIC NUMBER: SPONSOR: DCSPER

A 1979 NATIONAL SURVEY OF VETERANS DEMONSTRATED THE PROPENSITY OF VETERANS TO VOLUNTEER IN THE EVENT OF NATIONAL EMERGENCY OR WAR. THIS EFFORT WILL DETERMINE PROCEDURES FOR PROCESSING, TRAINING, AND UTILIZATION OF VOLUNTEER VETERANS.

STUDY: WAR RESERVE ADP SYSTEM PROJECT

STUDY NUMBER: 2673 DTIC NUMBER: DAOG0618 SPONSOR: DARCOM

DEVELOPMENT OF A STANDARD METHOD FOR COMPUTING WAR RESERVE REQUIREMENTS FOR SECONDARY ITEMS, BY WEAPON SYSTEM/END ITEM. ULTIMATELY, NEED CAPABILITY TO ASSESS WEAPON SYSTEM READINESS AND SUSTAINABILITY IN CONTINGENCY PLANS.

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FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982

GOAL: READINESS

STUDY: WARTIME DEPOT MAINTENANCE

STUDY NUMBER: 2666 DTIC NUMBER: SPONSOR: DARCOM

DEVELOPMENT OF PROCEDURES FOR ESTIMATING THE WORKLOADS RESULTING FROM
VARIOUS OPERATIONAL PLANS AND SCENARIOS.

STUDY: WEAPON SYSTEM NATIONAL STOCK NUMBER

STUDY NUMBER: 2895 DTIC NUMBER: SPONSOR: DARCOM

ASSESSMENT OF THE BENEFITS TO USERS OF A WEAPON SYSTEM NSN TO ALLOW FOR
REQUISITIONS OF COMPLETE SYSTEMS WITH ALL SECONDARY ITEMS. ALSO OF
CONCERN IS THE IMPACT OF NSN'S ON THE LOGISTICS SYSTEMS.

STUDY: 8TH ARMY ENGINEER FORCE ANALYSIS

STUDY NUMBER: 2789 DTIC NUMBER: SPONSOR: COE

THERE IS A REQUIREMENT TO DEFINE ENGINEER SUPPORT IN THE EVENT OF A
NORTHEAST ASIAN CONTINGENCY. THIS STUDY WILL IDENTIFY ENGINEER
SUPPORT TASKS AND ESTIMATES OF THEIR LEVELS AND PRIORITY OVER TIME
FOR INCORPORATION IN CURRENT OPERATIONAL PLANS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982

GOAL: HUMAN

STUDY: A STUDY OF ARMY FAMILIES

STUDY NUMBER: 2880 DTIC NUMBER: SPONSOR: DCSPER

THE CAREER ARMY (ACTIVE AND RESERVE) IS A MARRIED ARMY. THERE IS A NEED TO DETERMINE THE RELATIONSHIP BETWEEN THE FAMILY AND MILITARY CAREERS. THIS STUDY WILL DEVELOP COHESIVE DEMOGRAPHIC DATA ON FAMILY STRUCTURE, FAMILY MEMBERS AND FAMILY ECONOMIC CONSIDERATIONS.

STUDY: DENTAL QUALITY ASSURANCE

STUDY NUMBER: 2770 DTIC NUMBER: SPONSOR: TSG

THIS STUDY WILL REVIEW EXISTING QUALITY ASSURANCE PROGRAMS AND DEVELOP RECOMMENDATIONS FOR MONITORING THE QUALITY OF DENTAL CARE.

STUDY: ENGINEER & SCIENTISTS DUAL TRACK SYSTEM

STUDY NUMBER: 2810 DTIC NUMBER: SPONSOR: DCSPER

THE FEDERAL CLASSIFICATION/COMPENSATION SYSTEM RESERVES HIGHEST PAY TO ENGINEERS AND SCIENTISTS WHO TAKE SUPERVISORY OR MANAGERIAL JOBS. THIS ELIMINATES EFFECTIVE "BENCH" SCIENTISTS. THIS STUDY EXAMINES APPROACHES TO PROVIDE BETTER SUPPORT TO NON-MANAGERIAL ENGINEERS AND SCIENTISTS.

STUDY: EVALUATION OF KARLSRUHE BASE OPERATIONS SUPPORT

STUDY NUMBER: 2240 DTIC NUMBER: DAOG1538 SPONSOR: DARCOM

COMPARISON OF IN-HOUSE AND CONTRACTOR APPROACHES TO PROVIDING ROUTINE BASE OPERATIONS SUPPORT TO KARLSRUHE.

STUDY: EVALUATION OF THE ARMY MERIT PAY SYSTEM

STUDY NUMBER: 2218 DTIC NUMBER: SPONSOR: DCSPER

AN EVALUATION OF THE ARMY MERIT PAY SYSTEM IS REQUIRED TO DETERMINE THE EFFECTIVENESS OF TRAINING AND DEGREE OF KNOWLEDGE POSSESSED BY MANAGERS, SUPERVISORS AND MERIT PAY INCUMBENTS. WEAKNESSES IN MERIT PAY SYSTEM IMPLEMENTATION WILL BE IDENTIFIED, WITH RECOMMENDATIONS FOR CHANGE.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
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GOAL: HUMAN

STUDY: HEALTH STATUS OF WOMEN IN THE ARMY

STUDY NUMBER: 2765

DTIC NUMBER:

SPONSOR: TSG

THE PURPOSE OF THIS STUDY IS TO INVESTIGATE AND REPORT ON HEALTH PROBLEMS OF FEMALES IN THE ARMY AND HOW THEY AFFECT READINESS. MUCH HAS BEEN DONE ON THE PREGNANCY ISSUE, HOWEVER, LITTLE DATA IS AVAILABLE ON OTHER FEMALE SPECIFIC HEALTH ISSUES.

STUDY: HISPANIC CONTENT IN THE ARMY THRU 2000

STUDY NUMBER: 2925

DTIC NUMBER:

SPONSOR: DCSPER

DEMOGRAPHERS FORECAST A GENERAL INCREASE IN THE HISPANIC PORTION OF THE US POPULATION. THIS STUDY WILL DEVELOP A COMPREHENSIVE FORECAST OF FUTURE ARMY HISPANIC MANPOWER LEVELS AND THE EFFECTS OF BI-LINGUAL FORCES ON BATTLEFIELD COMMAND AND CONTROL AND TRAINING.

STUDY: IMPROVED MANPOWER AUTHORIZATION STANDARDS AND CRITERIA (MACRIT)

STUDY NUMBER: 2637

DTIC NUMBER:

SPONSOR: TRADOC

METHODS TO RELATE PERSONNEL AUTHORIZATIONS TO NEEDS BY ANALYZING JOBS AND TASKS, AND TEST, VALIDATE, AND REVISE HISTORICAL EXTRAPOLATIONS.

STUDY: MILITARY SPOUSE EDUCATION, EMPLOYMENT STATUS - HISTORY & EXPECTATIONS

STUDY NUMBER: 2930

DTIC NUMBER:

SPONSOR: DCSPER

THIS STUDY WILL DEVELOP INFORMATION ON AGGREGATE EDUCATION AND EMPLOYMENT HISTORIES AND EXPECTATIONS OF MILITARY SPOUSES. RESULTS WILL PROVIDE NEW KNOWLEDGE OF THE DECISION-MAKING OF TWO-CAREER FAMILIES, AND ASSIST IN THE DEVELOPMENT OF APPROPRIATE PERSONNEL MANAGEMENT POLICIES.

STUDY: PRE & POST MARITAL MINISTRY TO MILITARY PERSONNEL AND KOREAN NATIONALS

STUDY NUMBER: 1345

DTIC NUMBER:

SPONSOR: CCH

IDENTIFICATION OF CAUSES OF PROBLEMS AND DEVELOPMENT OF STRATEGIES AND PROGRAMS TO PROVIDE ASSISTANCE TO KOREAN SPOUSES AND THEIR AMERICAN SOLDIER HUSBANDS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

**FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982**

GOAL: HUMAN

STUDY: QUALITY OF CARE INDICATORS

STUDY NUMBER: 2758

DTIC NUMBER:

SPONSOR: TSG

THIS STUDY WILL DEVELOP A SET OF SPECIFIC QUALITY OF CARE INDICATORS TO ENABLE MEDICAL TREATMENT FACILITY COMMANDERS TO MONITOR THE QUALITY OF CARE DELIVERED BY THEIR FACILITY; AND ON A LARGER SCALE, TO ALLOW MONITORING OF THE QUALITY OF CARE DELIVERED AMONG DIFFERENT FACILITIES.

STUDY: SELECTION CRITERIA FOR AIR/LAND BATTLE SOLDIER

STUDY NUMBER: 2869

DTIC NUMBER:

SPONSOR: TRADOC

THERE IS A NEED TO EVALUATE THE VARIOUS SELECTION CRITERIA USED BY OTHER ARMIES FOR JOB AND MOS ASSIGNMENTS, ELIGIBILITY FOR NCO AND OFFICER TRAINING, STRESS TESTING, AND TO DETERMINE APPLICABILITY OF THESE CRITERIA TO THE US ARMY.

STUDY: SOLDIER FACTORS IN MISSION AREA ANALYSIS

STUDY NUMBER: 2868

DTIC NUMBER:

SPONSOR: TRADOC

THIS EFFORT WILL IDENTIFY A METHOD FOR INCLUDING SOLDIER SUPPORTABILITY FACTORS INTO MISSION AREA ANALYSIS EVALUATIONS OF PROPOSED CHANGES TO ORGANIZATIONS, PROCEDURES, AND EQUIPMENT/WEAPONS SYSTEMS. THE "SOLDIER ANALYSIS" METHOD WILL BE EVALUATED AND DEMONSTRATED BY PILOT TEST.

STUDY: USE OF CIVILIANS IN COMAT ZONES AND UNSAFE AREAS

STUDY NUMBER: 2613

DTIC NUMBER: DAOG3980

SPONSOR: DARCOM

EXAMINATION OF THE LEGALITY OF, AND OBLIGATIONS, IMPACTS, AND NEEDED INCENTIVES RELATED TO, THE EMPLOYMENT OF CIVILIANS IN COMBAT ZONES OR OTHER UNSAFE AREAS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

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GOAL: LEADERSHIP

STUDY: CHAPLAIN SUPPORT GROUP IN THE MANEUVER BATTALION

STUDY NUMBER: 1937 DTIC NUMBER: DA700477 SPONSOR: TRADOC

THIS STUDY WILL ADDRESS THE QUESTION OF HOW CHAPLAIN SUPPORT WILL BE PROVIDED TO ARMY UNITS WHICH ARE ORGANIZED TO MEET THE PERCEIVED THREAT OF THE 1990S. RESULTS WILL SERVE AS A BASIS FOR DEVELOPMENT OF CHAPLAINS DOCTRINE, TRAINING AND EQUIPMENT NEEDS FOR UNIT CHAPLAIN MINISTRY.

STUDY: CHEMICAL FORCE MULTIPLIER EFFECTS

STUDY NUMBER: 2889 DTIC NUMBER: SPONSOR: TRADOC

THIS STUDY WILL GENERATE RELATIVE FORCE MULTIPLIER EFFECTS OF CHEMICAL WEAPONS FOR US AND WARSAW PACT FORCES AND DEVELOP A METHODOLOGY FOR ASSESSING THESE EFFECTS ON THE OVERALL CAPABILITY OF A FORCE.

STUDY: FIRE SUPPORT MISSION AREA ANALYSIS UPDATE

STUDY NUMBER: 2882 DTIC NUMBER: SPONSOR: TRADOC

THIS STUDY WILL PERFORM A COMPREHENSIVE ANALYSIS OF FIRE SUPPORT ISSUES NOT ADDRESSED IN SUFFICIENT DETAIL IN PREVIOUS MISSION AREA ANALYSES. THE ANALYSIS WILL INCLUDE AN ASSESSMENT AND PRIORITIZATION OF DEFICIENCIES IN THE FIRE SUPPORT SYSTEM.

STUDY: HUMAN SIDE OF COMBAT ENGINEERING

STUDY NUMBER: 2532 DTIC NUMBER: SPONSOR: TRADOC

THIS STUDY WILL PROVIDE A BETTER UNDERSTANDING OF THE HUMAN SIDE OF THE COMBAT EQUATION, INCLUDING SOLDIER CHARACTERISTICS, SYSTEM PERSONNEL POLICIES, LEADERSHIP ACTIONS, JOB AND TRAINING REQUIREMENTS, AND WEAPON AND FORCE CONSIDERATIONS.

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GOAL: MATERIEL

STUDY: AH64 MAINTENANCE MANPOWER AND LOGISTICS ANALYSIS (MALA)

STUDY NUMBER: 2886 DTIC NUMBER: SPONSOR: TRADOC

THIS STUDY WILL EXAMINE THE MAINTENANCE MANPOWER AND LOGISTIC SUPPORT REQUIRED FOR THE AH64 HELICOPTER TO OPERATE AT VARIOUS LEVELS OF PEACE-TIME AND COMBAT DEMANDS. A COST EFFECTIVE LEVEL OF SUPPORT WILL BE DETERMINED.

STUDY: AH64A AVAILABILITY OPERATIONAL AND AVAILABILITY INHERENT RELATIONSHIP

STUDY NUMBER: 2955 DTIC NUMBER: SPONSOR: DCSLOG

BUDGETED RESOURCES (SPACES) FOR THE AH64A MAY NOT BE OPTIMALLY DISTRIBUTED TO PROVIDE THE AVAILABILITY LEVEL THAT IS REQUIRED OR THAT APPROACHES ITS INHERENT AVAILABILITY. THE STUDY DETERMINES COST, SENSITIVITY OF SPARE PART LEVELS AND LOCATIONS, AND LINE ITEMS FOR VARIOUS AVAILABILITY LEVELS.

STUDY: AIR LINES OF COMMUNICATION IN WARTIME

STUDY NUMBER: 2473 DTIC NUMBER: SPONSOR: DCSLOG

THIS STUDY WILL ADDRESS CURRENT ALOC CAPABILITIES, COMMUNICATIONS, ORDER STATUS PROCESSING, AND GROUND HANDLING PROCEDURES, AND WILL PROVIDE RECOMMENDED IMPROVEMENTS AND AN ASSESSMENT OF SYSTEM CAPABILITY TO SUPPORT EUROPEAN WARTIME OPERATIONS.

STUDY: AIR TO AIR STINGER (PQA)

STUDY NUMBER: 2546 DTIC NUMBER: SPONSOR: TRADOC

THIS EFFORT WILL DETERMINE THE COST EFFECTIVENESS OF THE AIR-TO-AIR STINGER AND ITS OPERATIONAL EFFECTIVENESS AGAINST TARGETS WHEN ENTERED INTO A MID-INTENSITY COMBAT ENVIRONMENT.

STUDY: AIRCRAFT SPARE PARTS REQUIREMENTS FORECASTING

STUDY NUMBER: 2733 DTIC NUMBER: SPONSOR: DCSRDA

DETERMINATION OF SYSTEMIC CHANGES NEEDED TO CORRECT SPARES REQUIREMENTS FORECASTING TO BE MORE RESPONSIVE TO INDUSTRY CHANGES.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES

1 OCTOBER 1982

GOAL: MATERIEL

STUDY: ALTERNATIVES TO CONVENTIONAL MOBILITY FUELS

STUDY NUMBER: 2915

DTIC NUMBER:

SPONSOR: DCSLOG

THIS STUDY WILL ADDRESS THE FUTURE USE OF ALTERNATIVES TO PETROLEUM FUELS WITHIN THE ARMY SUPPLY SYSTEM. IT WILL INCLUDE EVALUATION OF REASONABLE ALTERNATIVES AND, FOR EACH, AN AVAILABILITY TIME-FRAME, THE RELATIVE COSTS OF DEVELOPMENT, AND THE ADVANTAGES/DISADVANTAGES OF USE IN ARMY EQUIPMENT.

STUDY: ANTI-TACTICAL BALLISTIC MISSILE (ATBM)

STUDY NUMBER: 1366

DTIC NUMBER:

SPONSOR: DCSOPS

THE CORPS SUPPORT WEAPONS SYSTEM (CSWS) IS A REPLACEMENT FOR THE LANCE MISSILE WITH IMPROVED RANGE ACCURACY. THE OBJECTIVE OF THIS STUDY IS TO DESCRIBE HOW THE WARSAW PACT ATM SYSTEMS CAN BE ACQUIRED FOR ATTACK BY THE CSWS SYSTEM EMPLOYED AS A COUNTER-TBM SYSTEM.

STUDY: APPLICATION OF LOGISTICS FEEDBACK DATA TO THE TECHNOLOGY BASE

STUDY NUMBER: 2629

DTIC NUMBER:

SPONSOR: DCSLOG

THIS STUDY WILL DETERMINE IF LOGISTICS PROBLEMS SURFACED THRU LOGISTICS DATA FEEDBACK SYSTEMS ARE FED TO THE TECHNOLOGY BASE AND RECEIVE CONSIDERATION IN FUTURE DEVELOPMENTS. IT WILL IDENTIFY LOGISTIC FEEDBACK SYSTEMS USED BY TRADOC, DARCOM, AND LEA; AND THE LINKS TO THE TECHNOLOGY BASE.

STUDY: ARMY FIELD ARTILLERY TACTICAL DATA SYSTEMS (AFATDS) - COEA/CTEA

STUDY NUMBER: 2836

DTIC NUMBER:

SPONSOR: TRADOC

THIS STUDY WILL PERFORM A MAJOR COST AND OPERATIONAL EFFECTIVENESS ANALYSIS OF THE ADVANCED FIELD ARTILLERY TACTICAL DATA SYSTEM (AFATDS). THE COEA IS REQUIRED TO SUPPORT THE DEPARTMENT OF THE ARMY DEVELOPMENT DECISION IN LATE FY 83.

STUDY: ARMY HELICOPTER IMPROVEMENT PROGRAM UPDATE

STUDY NUMBER: 2855

DTIC NUMBER:

SPONSOR: TRADOC

THE NEED FOR AN AHIP SCOUT IS PROJECTED THROUGH THE 1990S. THIS STUDY WILL VERIFY THE OPERATIONAL EFFECTIVENESS AND SURVIVABILITY OF THE AHIP, BASED UPON THE THREAT OF THE 1990 TIMEFRAME AND UPON UPDATED COST DATA.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

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GOAL: MATERIEL

STUDY: ARMY MANAGEMENT OF CLOTHING AND EQUIPMENT

STUDY NUMBER: 2347 DTIC NUMBER: DAOG1350 SPONSOR: DCSLOG

THIS STUDY WILL EXAMINE THE ARMY'S PERSONAL/ORGANIZATIONAL CLOTHING AND INDIVIDUAL EQUIPMENT MANAGEMENT PROCESS, AND RECOMMEND A MORE RESPONSIVE, COST-EFFECTIVE SYSTEM FOR BOTH PEACETIME AND WARTIME REQUIREMENTS.

STUDY: ARMY SCIENCE AND TECHNOLOGY BASE RETURN ON INVESTMENT

STUDY NUMBER: 1342 DTIC NUMBER: SPONSOR: DCSRDA

IDENTIFICATION OF OPPORTUNITIES FOR IMPROVEMENT OF CONTRIBUTION VERSUS COST OF THE ARMY'S LABORATORIES, AND POTENTIAL AREAS FOR INCREASED PRODUCTIVITY. -

STUDY: AUTOMATED MANAGEMENT SYSTEMS FOR BULK POL

STUDY NUMBER: 2922 DTIC NUMBER: SPONSOR: DCSLOG

THIS STUDY WILL PROVIDE AN EVALUATION OF AVAILABLE COMMERCIAL SYSTEMS TO DETERMINE IF A SYSTEM IS COST-EFFECTIVE AND APPROPRIATE FOR ARMY USE. THE RESULTS WILL BE USED TO ESTABLISH AN ARMY POSITION.

STUDY: AUTOMATION REQUIREMENT FOR ARMY MANAGEMENT OF CLOTHING AND EQUIPMENT

STUDY NUMBER: 2945 DTIC NUMBER: SPONSOR: DCSLOG

DEVELOPMENT OF AN AUTOMATED INFORMATION SYSTEM FOR CLOTHING AND INDIVIDUAL EQUIPMENT ASSETS IN-USE, IN-STORAGE, DUE-IN, AND RESERVED FOR MOBILIZATION.

STUDY: AVIATION GROUND SUPPORT EQUIPMENT

STUDY NUMBER: 2737 DTIC NUMBER: SPONSOR: DCSRDA

IDENTIFICATION OF TRAINING, MAINTENANCE SUPPORT AND TRANSPORTATION REQUIREMENTS FOR AVIATION GROUND SUPPORT EQUIPMENT.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES

1 OCTOBER 1982

GOAL: MATERIEL

STUDY: BASE OPERATIONS WORKLOAD STUDY

STUDY NUMBER: 1823

DTIC NUMBER:

SPONSOR: DCSLOG

THE ARMY NEEDS A WAY TO IDENTIFY BASOPS WORKLOAD FACTORS TO IMPROVE BUDGET JUSTIFICATION AND TO RELATE WORKLOAD ACCOMPLISHMENT WITH FUNDING. THIS STUDY WILL DETERMINE WHICH WORKLOAD DATA ARE MOST APPROPRIATE INDICATORS OF PERFORMANCE IN SUPPLY, MAINTENANCE, AND TRANSPORTATION ACTIVITIES.

STUDY: BMD TECHNICAL ASSESSMENT AND PLANNING

STUDY NUMBER: 2345

DTIC NUMBER: DAOG7070

SPONSOR: BMDPO

THIS STUDY WILL ANALYZE POTENTIAL BMD MISSIONS TO DETERMINE TECHNOLOGY REQUIREMENTS AND THEN TO ASSESS THE CURRENT AND FUTURE STATE OF TECHNOLOGY TO ESTABLISH PROGRAM PRIORITIES AND PROVIDE PROGRAM GUIDANCE.

STUDY: CLASS III PACKAGING

STUDY NUMBER: 2944

DTIC NUMBER:

SPONSOR: DCSLOG

THERE IS A PROLIFERATION OF PACKAGING SIZES FOR CLASS III PRODUCTS. THIS STUDY IS TO DETERMINE THE OPTIMUM SIZE OR SIZES FOR EACH TYPE OF PACKAGED CLASS III PRODUCT.

STUDY: COALITION WARFARE

STUDY NUMBER: 2942

DTIC NUMBER:

SPONSOR: DCSLOG

MILITARY STRATEGY IS FORMED ON THE BASIS OF POLITICAL COMMITMENTS. WITHIN THE PROVISIONS OF THESE POLICIES, THIS STUDY SEEKS IMPROVEMENTS IN THE AREAS OF LOGISTIC DOCTRINE AND COALITION SUPPORT TO INCLUDE EQUIPPAGE AND THE FORM AND SUBSTANCE OF SUPPORTING STRUCTURES.

STUDY: COMP.B DEFECTS AND SAFETY OF ARTILLERY

STUDY NUMBER: 2909

DTIC NUMBER: DAOG7760

SPONSOR: DARCOM

DEVELOPMENT OF AN UNDERSTANDING OF THE RELATIONSHIP BETWEEN PROJECTILE COMP. B CAST DEFECTS AND PROBABILITY OF INITIATING AN IN-BORE EXPLOSION. STUDY WILL CONTRIBUTE TO COMP. B PRODUCT IMPROVEMENT PROGRAM.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

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GOAL: MATERIEL

STUDY: CONTAINERIZED CARGO DISTRIBUTION SIZING ANALYSIS

STUDY NUMBER: 2917 DTIC NUMBER: SPONSOR: DCSLOG

THIS STUDY WILL PROVIDE ARMY PLANNERS THE TOOLS TO ELIMINATE SHORTFALLS IN DELIVERY CAPACITY FOR CARGO HANDLING OPERATIONS IN VARIOUS SCENARIOS.

STUDY: DAY OF SUPPLY VS. DAY OF SUSTAINABILITY

STUDY NUMBER: 2936 DTIC NUMBER: SPONSOR: DCSLOG

THIS STUDY IS TO DETERMINE IF LOGISTICS CAPABILITY COULD BE BETTER DEFINED USING THE CONCEPT OF A DAY OF SUSTAINABILITY RATHER THAN A DAY OF SUPPLY. IF THE FORMER IS A BETTER MEASURE, A METHODOLOGY WILL BE DEVELOPED TO COMPUTE.

STUDY: DEGRADED MODE OPERATION CONSIDERATIONS FOR C3I SYSTEM INTEROPERABILITY

STUDY NUMBER: 2215 DTIC NUMBER: DAOG6364 SPONSOR: DARCOM

EVALUATION OF THE VULNERABILITY OF C3I SYSTEMS IN AN EW ENVIRONMENT, INCLUDING DETERMINATION OF MILITARY UTILITY OF DEGRADATION OF INTEROPERABILITY LINKS FOR SELECTED SYSTEMS.

STUDY: DETERMINATION OF MATERIEL CANCELLATION REQUESTS

STUDY NUMBER: 1392 DTIC NUMBER: DAOG4009 SPONSOR: DCSLOG

THERE IS A NEED TO DETERMINE THE REASONS REQUISITIONERS GENERATE AN EXCESS NUMBER OF MATERIEL CANCELLATION REQUESTS. THIS STUDY IS AIMED AT LEARNING WAYS TO REDUCE INITIAL, UNNECESSARY MATERIEL DEMANDS AT USER LEVEL AND THUS DECREASE THE NUMBER OF CANCELLATION REQUESTS.

STUDY: DIRECT SUPPORT AUTOMATIC TEST SUPPORT SYSTEM (COEA)

STUDY NUMBER: 2200 DTIC NUMBER: DAOG7210 SPONSOR: TRADOC

THIS STUDY WILL ASSESS THE COST EFFECTIVENESS OF THE DIRECT SUPPORT AUTOMATIC TEST SUPPORT SYSTEMS HARDWARE AND SOFTWARE, AS DEFINED BY REQUIREMENTS DOCUMENTS, TO ACCOMPLISH DIAGNOSTIC TASKS AFFECTING REPLACEMENT OF FAULTY COMPONENTS IN COMPLEX ELECTRONIC EQUIPMENT.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

**FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982**

GOAL: MATERIEL

STUDY: DISTRIBUTION OF CLASS III PACKAGED PRODUCTS IN THEATER OPERATIONS

STUDY NUMBER: 2562 DTIC NUMBER: SPONSOR: TRADOC

THIS STUDY WILL REVIEW THE CURRENT ACCOUNTABILITY PROCEDURES FOR CLASS III PACKAGE PRODUCTS, DETERMINE DOCTRINE FOR ACCOUNTABILITY IN WARTIME, AND ASCERTAIN IF CURRENT PROCEDURES ARE ADEQUATE TO SUPPORT SPECIAL HANDLING OF THE CLASS III PACKAGE PRODUCTS .

STUDY: DIVISION SUPPORT WEAPON SYSTEM (COEA)

STUDY NUMBER: 1887 DTIC NUMBER: DAOG7233 SPONSOR: TRADOC

THIS STUDY WILL CONDUCT A COST EFFECTIVENESS ANALYSIS OF A RECOMMENDED DIVISION SUPPORT WEAPON SYSTEM TO PROVIDE IMPROVED HEAVY BRIGADE AND DIVISION FIRE SUPPORT CAPABILITY. THE NEW SYSTEM MUST PROVIDE IMPROVED RELIABILITY AND MAINTENANCE, RESPONSIVENESS AND SURVIVABILITY.

STUDY: DIVISION SUPPORT WEAPONS SYSTEM (DSWS)

STUDY NUMBER: 2116 DTIC NUMBER: DAOG7234 SPONSOR: DARCOM

INVESTIGATE, DEVELOP AND FIELD A TOTAL ARTILLERY WEAPON SYSTEM SUBSTANTIALLY IMPROVED OVER CURRENT SYSTEMS. THREE APPROACHES ARE PURSUED: CURRENT SYSTEM IMPROVEMENT; FOREIGN WEAPONS DEVELOPMENTS; AND NEW SYSTEMS CONCEPTS.

STUDY: ECONOMETRIC MODEL FOR OPTIMIZING TROOP DINING FACILITY OPERATIONS

STUDY NUMBER: 1821 DTIC NUMBER: DAOG6636 SPONSOR: DCSLOG

THIS EFFORT WILL DEVELOP A MATHEMATICAL MODEL FOR USE IN DESIGNING THE ARMY MASTER MENU. THE OBJECTIVE IS TO OPTIMIZE NUTRITION, MENU ACCEPTABILITY, FOOD COST, AND LABOR.

STUDY: ECONOMIC MODEL FOR MAINTENANCE SYSTEMS

STUDY NUMBER: 2921 DTIC NUMBER: SPONSOR: DCSLOG

THIS STUDY WILL PROVIDE A MODEL FOR TESTING THE IMPACT OF CHANGES TO MAINTENANCE POLICY BEFORE SUCH POLICY CHANGES ARE IMPLEMENTED.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

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GOAL: MATERIEL

STUDY: ELECTRONIC WARFARE SYSTEMS STUDY

STUDY NUMBER: 2150 DTIC NUMBER: DAOG5894 SPONSOR: DARCOM

DEVELOPMENT OF ITEM LEVEL PERFORMANCE ESTIMATES OF FRIENDLY EW SYSTEMS, AND SUSCEPTIBILITY OF SUCH SYSTEMS TO ENEMY EW.

STUDY: ELEVATED CAUSEWAYS FOR ARMY LOGISTICS-OVER-THE-SHORE (LOTS) OPERATIONS

STUDY NUMBER: 2923 DTIC NUMBER: SPONSOR: DCSLOG

THE STUDY WILL DETERMINE WHETHER THE ARMY HAS AN APPLICATION FOR THE NAVY DEVELOPED ELEVATED CAUSEWAY SYSTEM; IF THE SYSTEM IS COMPATIBLE WITH ARMY EQUIPMENT; AND THE BASIS FOR DEVELOPING FUTURE OVER-THE-SHORE DOCTRINE, TRAINING, AND EQUIPMENT REQUIREMENTS.

STUDY: EVALUATION OF ELECTROMAGNETIC SIGNATURE/SIGNAL (INTEL ELECTRONIC WAR)

STUDY NUMBER: 2745 DTIC NUMBER: SPONSOR: TRADOC

THIS STUDY WILL DETERMINE THE REQUIREMENT FOR COMSEC MONITORING IN A PRE-DOMINATELY COMMUNICATIONS SECURE ENVIRONMENT. THE STUDY WILL ALSO DETERMINE NEWER COMMUNICATIONS/NONCOMMUNICATIONS TECHNIQUES TO BE FIELDED AND IDENTIFY SIGNAL SECURITY CAPABILITIES NEEDED TO MINIMIZE EXPLOITATION.

STUDY: EVALUATION OF STOCKAGE OBJECTIVES

STUDY NUMBER: 2712 DTIC NUMBER: SPONSOR: DCSLOG

THIS STUDY WILL DETERMINE THE FEASIBILITY FOR DEVELOPING A MORE VALID METHOD FOR COMPUTING STOCKAGE LEVELS FOR EACH CLASS OF SUPPLY IN ORDER TO LEARN IF MATERIEL IS LAYERED IN PROPER QUANTITIES, TO GAUGE AND REDUCE EXCESS, AND TO DETERMINE IF CURRENT WAR RESERVE REQUIREMENTS ARE CORRECT.

STUDY: EVALUATION OF THE SUPPLY CAREER MANAGEMENT FIELD (CMF-76)

STUDY NUMBER: 2821 DTIC NUMBER: SPONSOR: DCSLOG

THIS STUDY WILL PROVIDE INFORMATION ON WHICH TO BASE SOLUTIONS TO EXISTING CMF-76 MANAGEMENT PROBLEMS BY ADDRESSING THE CURRENT CMF STRUCTURE, AUTHORIZATIONS, STANDARDS OF GRADE, ADDITIONAL SKILL IDENTIFIERS, CMF STRENGTH DEVELOPMENT, AND ADEQUACY OF EDUCATION AND TRAINING PROGRAMS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

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1 OCTOBER 1982

GOAL: MATERIEL

STUDY: FIBER OPTICS GUIDED MISSILE

STUDY NUMBER: 2835

DTIC NUMBER:

SPONSOR: TRADOC

WEAPONS SYSTEMS FOR CURRENT AND DEVELOPMENTAL ATTACK HELICOPTERS MUST BE IMPROVED. THIS STUDY WILL EXPLORE THE FIBER OPTICS GUIDED MISSILE CONCEPT FOR ACHIEVING GREATER RANGES FOR TARGET ACQUISITION AND ENGAGEMENT, THEREBY INCREASING THE AIRCRAFT'S SURVIVABILITY.

STUDY: FIRE SUPPORT TEAM VEHICLE (FIST-V)

STUDY NUMBER: 2698

DTIC NUMBER:

SPONSOR: TRADOC

THIS STUDY WILL PERFORM A COST AND TRAINING EFFECTIVENESS ANALYSIS TO DETERMINE THE MOST EFFICIENT TRAINING DEVICES AND INSTRUCTION FOR THE FIRE SUPPORT TEAM VEHICLE.

STUDY: FORWARD AREA LASER SYSTEMS - TACTICAL AND FISCAL (FALSTAF)

STUDY NUMBER: 2394

DTIC NUMBER:

SPONSOR: DCSRDA

ANALYSIS TO SUPPORT RESOURCE COMMITMENTS FOR BATTLEFIELD LASER WEAPON DEVELOPMENT AND PRODUCTION. ISSUES INCLUDE TACTICAL CONSTRAINTS, COUNTER-MEASURES, AND BATTLEFIELD ENVIRONMENTS.

STUDY: FORWARD MAINTENANCE OF ELECTRONIC COMPONENTS

STUDY NUMBER: 2934

DTIC NUMBER:

SPONSOR: DCSLOG

COMPARISON OF MAINTENANCE ALTERNATIVES: AUTOMATIC TEST EQUIPMENT VERSUS INCREASED SPARES AVAILABILITY WITH REAR AREA MAINTENANCE UNITS.

STUDY: INTEGRATED LOGISTICS SUPPORT (ILS) COST IDENTIFICATION PROGRAM

STUDY NUMBER: 2822

DTIC NUMBER:

SPONSOR: DCSLOG

THE ARMY NEEDS A MEANS FOR DETERMINING ACTUAL ILS COSTS BY WEAPONS SYSTEM DEVELOPMENT. THIS STUDY WILL PROVIDE A METHOD TO TRACK ACTUAL VERSUS ESTIMATED ILS COSTS, TO PROJECT ILS COSTS IN THE FUTURE, AND TO JUSTIFY WEAPONS SYSTEM REQUIREMENTS FOR ILS RESOURCES.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982

GOAL: MATERIEL

STUDY: INTEGRATION OF MTMC/MSC: WITHDRAWING OF ARMY FUNCTIONS

STUDY NUMBER: 2920 DTIC NUMBER: SPONSOR: DCSLOG

UPON THE DECISION TO INTEGRATE MTMC AND MSC INTO A UNIFIED COMMAND, THE ARMY MUST DECIDE WHETHER TO WITHDRAW ESSENTIAL ARMY SUPPORT ACTIVITIES AND THE TRANSPORTATION ENGINEERING AGENCY (TEA). THIS STUDY WILL DETERMINE IF ALL OR A PORTION OF TEA AND/OR ARMY SUPPORT ACTIVITIES WILL BE RETAINED.

STUDY: INTERSERVICE SUPPORT WARTIME STUDY

STUDY NUMBER: 2937 DTIC NUMBER: SPONSOR: DCSLOG

CURRENT PUBLICATIONS ADDRESS WARTIME SUPPORT IN A PERFUNCTORY MANNER. THIS STUDY WILL DETERMINE HOW INTERSERVICE SUPPORT ARRANGEMENTS CAN BE PROVIDED TO SERVICES FOR FORCE STRUCTURE CONSIDERATIONS AND OTHER LOGISTIC MATTERS.

STUDY: JOINT PROGRAM ASSESSMENT MEMORANDUM (JPAM) MOBILITY ANALYSIS

STUDY NUMBER: 2823 DTIC NUMBER: SPONSOR: DCSLOG

THIS STUDY WILL DEVELOP TIME-PHASED DEPLOYMENT REQUIREMENTS FOR PERSONNEL, UNIT EQUIPMENT, AND RESUPPLY FOR THE ARMY POM FORCE. THE RESULTS WILL SUPPORT THE JCS JPAM MOBILITY ANALYSIS (FY84-91).

STUDY: LIGHT HELICOPTER FAMILY (COEA)

STUDY NUMBER: 2883 DTIC NUMBER: SPONSOR: TRADOC

THE INVENTORY OF LIGHT HELICOPTERS IS APPROACHING THE END OF THE 20-YEAR SERVICE LIFE. THIS STUDY WILL DEVELOP INFORMATION, BASED ON OPERATIONAL EFFECTIVENESS AND COST COMPARISON, TO DETERMINE IF A FAMILY OF LIGHT HELICOPTERS (LHX) REQUIRED OPERATIONAL CAPABILITY (ROC) STATEMENT IS NEEDED.

STUDY: LOGISTIC PLANNING APPORTIONMENT

STUDY NUMBER: 2919 DTIC NUMBER: SPONSOR: DCSLOG

STUDY SUMMARY IS CLASSIFIED.

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GOAL: MATERIEL

STUDY: LOGISTICS IN ARMY MODELS IMPROVEMENT PROGRAM (AMIP) MODELS

STUDY NUMBER: 2914 DTIC NUMBER: SPONSOR: DCSLOG

THIS STUDY ADDRESSES INCLUSION OF TRANSPORTATION, SUPPLY, AND MAINTENANCE FACTORS IN AMIP MODELS IN A REALISTIC MANNER.

STUDY: LONG RANGE RESOURCE DEVELOPMENT AND ACQUISITION PLANNING (LRRDAP)

STUDY NUMBER: 2941 DTIC NUMBER: SPONSOR: DCSRDA

DEVELOPMENT OF SOLUTIONS AND TRADE-OFFS TO RESOLVE DEFICIENCIES ALREADY DETECTED IN LONG RANGE RESEARCH, DEVELOPMENT AND ACQUISITION PLANNING (LRRDAP), AND CLARIFICATION OF THE RELATIONSHIP BETWEEN LRRDAP AND PPBES.

STUDY: MANAGEMENT OF BLOCK IMPROVEMENTS

STUDY NUMBER: 2735 DTIC NUMBER: SPONSOR: DCSRDA

A MACRO ANALYSIS OF THE BLOCK IMPROVEMENT EFFORTS (A NEW APPROACH TO MAINTAINING TECHNICAL QUALITY OF NEW SYSTEMS; THE APPROACH IS CALLED "PREPLANNED PRODUCT IMPROVEMENTS" IN OSD). STUDY WILL CONSIST OF LESSONS LEARNED FROM SIMILAR APPROACHES TO VEHICLE MODIFICATIONS.

STUDY: MANAGEMENT OF MTOE EFFECTIVE DATES BASED ON EQUIPMENT AVAILABILITY

STUDY NUMBER: 2411 DTIC NUMBER: DAOG7755 SPONSOR: DCSLOG

THIS STUDY WILL IDENTIFY INTERFACE REQUIREMENTS TO LINK THE LOGISTICS DATA BASE TO THE ARMY AUTHORIZATION DOCUMENTS APPROVAL PROCESS TO PRECLUDE ESTABLISHING MTOE EFFECTIVE DATES WHICH CANNOT BE SUPPORTED WITH EQUIPMENT.

STUDY: MAXIMIZING DAILY FLYING HOURS OF ARMY AIRCRAFT (MAXFLY) - PHASE II

STUDY NUMBER: 2939 DTIC NUMBER: SPONSOR: DCSLOG

THIS IS A FOLLOW-ON TO A FIRST PHASE STUDY TO HELP DETERMINE THE TOTAL REQUIREMENTS FOR AIRCRAFT AND SUPPORT EQUIPMENT. THE FIRST PHASE STUDY IS NUMBER 2824.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

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GOAL: MATERIEL

STUDY: MAXIMIZING FLYING HOURS FOR ARMY AIRCRAFT (MAXFLY)

STUDY NUMBER: 2824 DTIC NUMBER: SPONSOR: DCSLOG

THE ARMY NEEDS TO KNOW HOW MANY HOURS PER DAY HELICOPTERS CAN BE SUSTAINED TO DETERMINE THE TOTAL REQUIREMENT FOR AIRCRAFT, AVIATION UNITS, SUPPORT EQUIPMENT, SPARE PARTS, FUEL, AND AMMUNITION. THIS STUDY WILL FOCUS ON INCREASING FLYING HOURS TO ESTABLISH REQUIREMENTS AND LIMITING FACTORS.

STUDY: METHODOLOGY FOR ESTIMATING USEFUL LIFE

STUDY NUMBER: 0271 DTIC NUMBER: DAOG2210 SPONSOR: DARCOM

SURVEY AND EVALUATION OF EXISTING ECONOMIC USEFUL LIFE METHODS FOR APPLICATION TO DETERMINATION OF USEFUL LIFE FOR ARMY EQUIPMENT.

STUDY: MICROCLIMATE SYSTEM TRADE-OFF STUDY FOR COMBAT VEHICLES

STUDY NUMBER: 2724 DTIC NUMBER: SPONSOR: DARCOM

DEVELOPMENT OF INFORMATION THAT WILL DEFINE AND OPTIMALLY INTEGRATE ONE OF THREE TYPES OF MICROCLIMATE COOLING/HEATING SYSTEMS WITH CURRENTLY DEPLOYED AND PLANNED GROUND AND AIR COMBAT VEHICLES.

STUDY: MILLIMETER WAVE ELECTRONIC SCAN ANTENNAS

STUDY NUMBER: 2144 DTIC NUMBER: DAOG5983 SPONSOR: DARCOM

AN INVESTIGATION OF PARTICULAR SCAN ANTENNAS AS TECHNICALLY AND STRUCTURALLY SIMPLISTIC CANDIDATES FOR LOW COST MILLIMETER WAVE ANTENNA DESIGNS.

STUDY: MINI ATTACK DRONE

STUDY NUMBER: 2843 DTIC NUMBER: SPONSOR: TRADOC

THERE IS A REQUIREMENT FOR FIELD ARTILLERY TO PERFORM COUNTER C3 OPERATIONS AND TO ASSIST AIR FORCE IN SUPPRESSION OF ENEMY AIR DEFENSES. THIS STUDY WILL ANALYZE THE MINI ATTACK DRONE AS A POTENTIAL WEAPON SYSTEM FOR MEETING THE NEW ARTILLERY MISSIONS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

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GOAL: MATERIEL

STUDY: MOBILITY PLANNING/PROGRAMING INTERFACE

STUDY NUMBER: 2956

DTIC NUMBER:

SPONSOR: DCSLOG

TWO SYSTEMS USING DIFFERENT PLAYERS AND TECHNIQUES FOR MODELING THE APPLICATIONS OF MOBILITY FORCES AGAINST MOBILITY REQUIREMENTS ARE USED FOR CURRENT-WORLD PLANNING AND PROGRAM ANALYSES. STUDY OF THE TWO PROCESSES TO DETERMINE HOW AN IMPROVED INTERFACE CAN BE DEVELOPED.

STUDY: MOBILIZATION ANALYSIS TO DETERMINE DISTRIBUTION OF SYSTEMS - III

STUDY NUMBER: 2776

DTIC NUMBER:

SPONSOR: DCSOPS

THIS STUDY WILL ANALYZE THE ARMY'S CAPABILITY TO SUSTAIN WEAPONS SYSTEMS ON THE BATTLEFIELD. SELECTED SYSTEMS WILL BE EVALUATED TO PROVIDE THE ARMY STAFF WITH INFORMATION TO DETERMINE THE LIMITING FACTORS IN EACH SYSTEM SO THAT CORRECTIONS CAN BE MADE TO PLANS OR PROGRAMS.

STUDY: MSE - P/J HYBRID - SINGCARS RELATIONSHIPS

STUDY NUMBER: 2840

DTIC NUMBER:

SPONSOR: TRADOC

THIS STUDY WILL ANALYZE THE WORKING RELATIONSHIP (INTERCONNECTIVITY) BETWEEN THE MSE SYSTEM, THE P/J HYBRID SYSTEM, AND THE SINGCARS SYSTEM. THE RESULTS SHOULD INCLUDE DETAILED JUSTIFICATION OF THE NEED FOR THE SEPARATE SYSTEMS.

STUDY: MULTI ECHELON SUPPLY MODEL (MESM)

STUDY NUMBER: 2948

DTIC NUMBER:

SPONSOR: DCSLOG

PEACETIME DEMAND SUPPORTED SECONDARY ITEM STOCKAGE POLICY IS PRESCRIBED BY DOD PUBLICATIONS REQUIRING A GIVEN LEVEL OF SUPPLY PERFORMANCE AT MINIMUM COST FOR A SINGLE ECHELON OF SUPPLY. THIS STUDY WILL DEVELOP A MULTI ECHELON MODEL ORIENTED TO END ITEM READINESS.

STUDY: NATO ARMY ARMAMENTS GROUP TACTICAL AND LOGISTICAL CONCEPTS PANEL (XI)

STUDY NUMBER: 1079

DTIC NUMBER:

SPONSOR: DCSRDA

PROVISION OF A PARTICIPANT ON THE NATO PANEL WHICH ADDRESSES DEVELOPMENT, PRODUCTION AND REVIEW OF NATO LONG-RANGE TACTICAL AND LOGISTICAL CONCEPTS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

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GOAL: MATERIEL

STUDY: NBC CONTAMINATION SURVIVABILITY

STUDY NUMBER: 2778 DTIC NUMBER: SPONSOR: DCSOPS

THIS STUDY WILL ASSESS THE CAPABILITIES OF CURRENT TACTICAL SYSTEMS TO SURVIVE AND SUSTAIN OPERATIONS IN A CHEMICAL WARFARE ENVIRONMENT. DATA WILL BE COLLECTED ON DECONTAMINATION FOR SELECTED SYSTEMS, AND MODIFICATIONS FOR SURVIVABILITY WILL BE RECOMMENDED.

STUDY: OPTIMIZATION OF USAREUR AMMUNITION CALL-FORWARD PROGRAM

STUDY NUMBER: 2825 DTIC NUMBER: SPONSOR: DCSLOG

THIS STUDY WILL PROVIDE A METHOD FOR DEVELOPING A STOCKAGE OBJECTIVE (BY MUNITION TYPE) FOR FY85 AND FY88. PLANNERS CAN THEN COMPARE AS THE MUNITIONS MODERNIZATION PROGRAM PROGRESSES AND INFLUENCE THE CALL-FORWARD DECISIONS MADE IN MANAGEMENT OF PREPOSITIONED USAREUR AMMUNITION.

STUDY: PACKAGED CLASS III INTERCHANGEABILITY

STUDY NUMBER: 2947 DTIC NUMBER: SPONSOR: DCSLOG

DURING WARTIME, INTERCHANGEABILITY OF PACKAGED CLASS III PRODUCTS WOULD GREATLY ENHANCE SUSTAINABILITY. THIS STUDY WILL PROVIDE MORE INFORMATION REGARDING USES AND INTERCHANGEABILITY OF VARIOUS GRADES OF LUBRICANTS.

STUDY: PACKAGED CLASS III REQUIREMENTS COMPUTATION

STUDY NUMBER: 2943 DTIC NUMBER: SPONSOR: DCSLOG

CURRENTLY, REQUIREMENTS FOR PACKAGED CLASS III PRODUCTS ARE COMPUTED ON PERSONNEL POPULATION RATHER THAN EQUIPMENT DENSITY. THE GROWING INVENTORY OF SOPHISTICATED EQUIPMENT SUGGESTS A BETTER APPROACH SHOULD BE SOUGHT. THE STUDY WILL PROVIDE THAT BETTER APPROACH.

STUDY: POWER SOURCES STUDY

STUDY NUMBER: 2696 DTIC NUMBER: SPONSOR: TRADOC

DETERMINE REQUIREMENTS FOR GENERATORS THROUGHOUT THE ARMY. EXPECTED TO CONTRIBUTE TO 1990S REQUIREMENTS AND ESTABLISH A DATA BASE FOR GENERATORS.

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GOAL: MATERIEL

STUDY: RDTE PROCEDURES FOR MINOR ITEMS OR SMALL SYSTEMS

STUDY NUMBER: 2732 DTIC NUMBER: SPONSOR: DCSRDA

ANALYSIS OF CURRENT STANDARD RDTE PROCEDURES FOR ALL SYSTEMS, REGARDLESS OF SIZE, TO IDENTIFY CHANGES NEEDED TO DEVELOP LESS COMPLEX PROCEDURES FOR MINOR ITEMS OR SMALL SYSTEMS.

STUDY: RELATIONSHIP BETWEEN MUZZLE POSITION AND ROUND IMPACT

STUDY NUMBER: 1069 DTIC NUMBER: DA0Y4972 SPONSOR: DARCOM

DETERMINE RELATIONSHIP BETWEEN THE DIRECTION IN WHICH A TANK GUN MUZZLE IS POINTING AT TRIGGER PULL AND THE LOCATION OF THE PROJECTILE IMPACT, SO AS TO ESTABLISH EXTENT TO WHICH MUZZLE DIRECTION CAN BE USED AS A PREDICTOR OF PROJECTILE IMPACT.

STUDY: RESIDUAL RISK AS MEASURE OF RDTE PROGRAM

STUDY NUMBER: 2455 DTIC NUMBER: SPONSOR: DCSRDA

REFINEMENT AND CLARIFICATION OF APPROACHES TO ESTIMATING THE DEGREE OF DIFFICULTY AND UNCERTAINTY REMAINING IN RDTE PROJECTS BY DEVELOPING CLEAR STATEMENTS OF THE CONDITIONAL EVENTS THAT WILL PROVIDE PROGRESS MEASURES.

STUDY: RESOURCE CONSTRAINED PROCUREMENT OBJECTIVES FOR MUNITIONS (RECPOM)

STUDY NUMBER: 2257 DTIC NUMBER: DA0G5494 SPONSOR: DCSOPS

THIS STUDY WILL DEVELOP A METHODOLOGY FOR DETERMINING OPTIMUM PROCUREMENT OBJECTIVES FOR CONVENTIONAL AMMUNITION IN A CONSTRAINED RESOURCE ENVIRONMENT. THE METHODOLOGY WILL BE USED TO CALCULATE PROCUREMENT OBJECTIVES FOR VARIOUS LEVELS OF BUDGETARY CONSTRAINTS.

STUDY: RETAIL INVENTORY MODEL STOCKAGE POLICY (RIMSTOP) IMPLEMENTATION

STUDY NUMBER: 0767 DTIC NUMBER: DA724435 SPONSOR: DCSLOG

THE STUDY WILL INCLUDE ANALYTICAL AND STATISTICAL ANALYSES TO DETERMINE HOW THE INVENTORY MODEL SHOULD BE IMPLEMENTED WITHIN THE ARMY, AND DEVELOPMENT OF A USER'S MANUAL FOR RIMSTOP.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982

GOAL: MATERIEL

STUDY: ROLE OF SECURITY ASSISTANCE IN WARTIME

STUDY NUMBER: 2714 DTIC NUMBER: SPONSOR: DCSLOG

THE STUDY INCLUDES AN ANALYSIS OF THE TRANSITION FROM PEACE TO WAR AND THE USE OF SECURITY ASSISTANCE IN LIGHT OF CURRENT INTERNATIONAL RELATIONSHIPS AND DIFFERENT POSSIBLE SCENARIOS. THE RESULTS WILL AID MOBILIZATION PLANNERS BY PROVIDING INSIGHT INTO TOTAL SECURITY ASSISTANCE REQUIREMENTS.

STUDY: SENSOR SYSTEM STUDY

STUDY NUMBER: 2148 DTIC NUMBER: DAOG5895 SPONSOR: DARCOM

CHARACTERIZATION OF INDIVIDUAL SENSOR CAPABILITIES IN A SIMULATED COMBINED ARMY ENVIRONMENT FOR USE IN DIVISION 86 INPUTS TO INTELLIGENCE FUSION CONCEPTS.

STUDY: SIGMA (PQA)

STUDY NUMBER: 2563 DTIC NUMBER: SPONSOR: TRADOC

THIS STUDY WILL DETERMINE WHETHER A BASELINE DIVISION MANUAL MANEUVER CONTROL SYSTEM OR A DIVISION MANEUVER CONTROL SYSTEM ASSISTED BY AUTOMATION IS MOST COST EFFECTIVE. IF AUTOMATION IS FOUND TO BE MOST COST EFFECTIVE, THE PREFERRED SYSTEM CONFIGURATION WILL BE RECOMMENDED.

STUDY: SPECIAL DEFENSE ACQUISITION FUNDS (SDAF)

STUDY NUMBER: 2826 DTIC NUMBER: SPONSOR: DCSLOG

THE STUDY WILL RESULT IN PUBLICATION OF GUIDANCE TO ARMY ACTIVITIES WORLD-WIDE TO ASSIST IN IDENTIFICATION OF ITEMS THAT SHOULD BE PROCURED WITH ARMY ALLOCATIONS OF THE SPECIAL DEFENSE ACQUISITION FUND.

STUDY: SPECIAL ELECTRONIC MISSION AIRCRAFT

STUDY NUMBER: 2842 DTIC NUMBER: SPONSOR: TRADOC

THE ARMY NEEDS AN AIRFRAME CAPABLE OF MEETING AIRBORNE INTELLIGENCE AND ELECTRONIC WARFARE MISSION REQUIREMENTS IN THE CORPS AREA. THIS STUDY WILL ANALYZE THE MISSION NEED, DEFICIENCIES AND ALTERNATIVE AIRFRAMES, CONSIDERING PERFORMANCE, EFFECTIVENESS AND COSTS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES

1 OCTOBER 1982

GOAL: MATERIEL

STUDY: SPREAD SPECTRUM POLLUTION & INTERFERENCE ON CONVENTIONAL RECEIVERS

STUDY NUMBER: 2908

DTIC NUMBER:

SPONSOR: DARCOM

DEVELOPMENT OF A PREDICTIVE MODEL TO EVALUATE SPECTRAL POLLUTION CAUSED BY SPREAD SPECTRUM SYSTEMS AND AN ASSESSMENT OF THE RF INTERFERENCE IMPACT ON COEXISTING CONVENTIONAL RADIO AND RADAR SYSTEMS.

STUDY: STUDY OF ARMY LOGISTICS (STARLOG 81)

STUDY NUMBER: 2751

DTIC NUMBER:

SPONSOR: TRADOC

THIS STUDY WILL ANALYZE THE READINESS AND FINANCIAL IMPLICATIONS OF A PROPOSED CONCEPT TO SEPARATE THE GENERAL SERVICE MAINTENANCE FUNCTIONS FROM THE CORPS, AND ASSIGNING THOSE FUNCTIONS TO ECHELONS ABOVE CORPS.

STUDY: SURVIVABILITY OF UNMANNED AIR RECON VEHICLE TARGET ACQUISITION

STUDY NUMBER: 2863

DTIC NUMBER:

SPONSOR: TRADOC

THIS STUDY WILL ANALYZE THE ENVIRONMENTAL AND THREAT CONDITIONS THAT WILL AFFECT THE SURVIVABILITY OF UNMANNED AERIAL VEHICLES. RESULTS OF THE STUDY WILL BE USED TO PREPARE EMPLOYMENT TACTICS AND DOCTRINE TO INSURE ADEQUATE SURVIVABILITY DURING PROPOSED IEW MISSIONS.

STUDY: TERMINALLY GUIDED SUBMISSILES (COEA)

STUDY NUMBER: 1874

DTIC NUMBER: DA700368

SPONSOR: TRADOC

THIS STUDY WILL ASSESS THE COST AND EFFECTIVENESS OF ALTERNATIVE WARHEAD DESIGNS FOR THE TERMINALLY GUIDED SUBMISSILE (TGSM) WARHEAD FOR THE MULTIPLE LAUNCH ROCKET SYSTEM (MLRS).

STUDY: THEATER ARMY POST DEPLOYMENT SOFTWARE SUPPORT (PDSS)

STUDY NUMBER: 2753

DTIC NUMBER:

SPONSOR: TRADOC

THE MAJOR OBJECTIVE FOR THIS EFFORT IS TO IDENTIFY A STANDARD CONCEPT, ORGANIZATIONAL STRUCTURE, AND TRAINING REQUIREMENTS NECESSARY FOR A POST DEPLOYMENT SOFTWARE SYSTEM FOR THE BATTLEFIELD AUTOMATION SYSTEM (BAS) DEPLOYED IN A THEATER OF OPERATIONS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982

GOAL: MATERIEL

STUDY: TRANSPORTATION WORKLOAD FORECASTING

STUDY NUMBER: 2918

DTIC NUMBER:

SPONSOR: DCSLOG

THIS STUDY WILL ADDRESS ARMY CARGO AND MAIL TRANSPORTATION WORKLOAD FORECASTING TECHNIQUES TO PROVIDE A BETTER UNDERSTANDING OF THE SYSTEM, AND EITHER A METHOD TO IMPROVE CURRENT FORECASTING PROCEDURES FOR AIR AND SEA REQUIREMENTS OR AN ALTERNATE FORECASTING TECHNIQUE.

STUDY: UNIT PRODUCTIVITY - TRANSPORTATION

STUDY NUMBER: 2827

DTIC NUMBER:

SPONSOR: DCSLOG

THE STUDY WILL DETERMINE HOW TO ATTAIN PERMANENT INCREASES IN PLANNED WAR-TIME CAPABILITIES OF SELECTED TRANSPORTATION UNITS AND HOW TO GO-TO-WAR WITH TRANSPORTATION FORCE SHORTFALLS. THE RESULTS WILL BE USED TO MODIFY, AS APPROPRIATE, THE DESIGN OF SELECTED TRANSPORTATION ORGANIZATIONS.

STUDY: VISIBILITY OF ASSETS BELOW DEPOT LEVEL (VISA)

STUDY NUMBER: 2916

DTIC NUMBER:

SPONSOR: DCSLOG

THIS STUDY WILL DEVELOP A SYSTEM TO DISPLAY ASSETS AVAILABLE WITHIN THE ARMY. THE SYSTEM WILL ALLOW COMBINATION OF ASSET AND DEMAND DATA AT A SPECIFIC LOCATION AND 'ROLLING UP' ASSETS IN GROSS TERMS OR PINPOINTING THE LOCATION OF A SINGLE ITEM.

STUDY: WARRANTY DECISION PROCESS

STUDY NUMBER: 1393

DTIC NUMBER: DAOG1229

SPONSOR: DCSLOG

THIS STUDY WILL DEVELOP A METHODOLOGY/DECISION PROCESS USED TO DECIDE DURING PROCUREMENT WHETHER TO PROCURE SOMETHING WITH A WARRANTY, OR AFTER PURCHASE WHETHER TO EXERCISE AN EXISTING WARRANTY.

STUDY: WARTIME REPLACEMENT FACTORS, ARMY STOCKFUND CHEMICAL DEFENSE EQUIPMENT

STUDY NUMBER: 2634

DTIC NUMBER:

SPONSOR: DCSLOG

THIS STUDY WILL REVIEW AND VALIDATE WARTIME REPLACEMENT FACTORS FOR EUROPE, ASSESS CHEMICAL WARFARE THREAT AND EQUIPMENT REPLACEMENT FACTORS FOR OTHER SCENARIOS, AND DETERMINE WAR RESERVE REQUIREMENTS FOR ARMY STOCKFUND CHEMICAL DEFENSE EQUIPMENT ITEMS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES

1 OCTOBER 1982

GOAL: MATERIEL

STUDY: WESTCOM VEHICLE RUST & CORROSION STUDY

STUDY NUMBER: 2723

DTIC NUMBER: DAOG3958

SPONSOR: DARCOM

DETERMINATION OF THE EFFECTIVENESS OF ALTERNATIVE VEHICLE REPAIR AND RUSTPROOFING PROGRAMS, AND THE IMPACT OF WASHING AND SHELTERED STORAGE ON VEHICLE RUST AND CORROSION. STUDY INVOLVES ABOUT 3300 VEHICLES TO PROVIDE EXPERIMENTAL DATA.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES

1 OCTOBER 1982

GOAL: FUTURE DEVELOPMENT

STUDY: ABCA QUADRAPARTITE WORKING GROUP: TERRAIN

STUDY NUMBER: 2576 DTIC NUMBER: DAOG7987 SPONSOR: TRADOC

CONTINUING EFFORT TO IDENTIFY TERRAIN REPRESENTATION METHODS AND DATA, AND PROMOTE DEVELOPMENT OF STANDARD METHODS AND DATA BASES. PRESENT PHASE IS TO EMPHASIZE STANDARD DIGITAL TOPOGRAPHIC DATA BASE TO SUPPORT HARDWARE, OPERATIONAL PLANNING AND STUDY NEEDS.

STUDY: AIR DEFENSE MISSION AREA ANALYSIS

STUDY NUMBER: 1844 DTIC NUMBER: DAOG7404 SPONSOR: TRADOC

THIS STUDY WILL PERFORM ANALYSES OF AIR DEFENSE TASKS IN THE FY 87-95 TIME FRAME, ASSESS THE ABILITY OF PRESENT AND PROGRAMED AIR DEFENSE TO PERFORM ITS SPECIFIED TASKS, PRIORITIZE LISTS OF AIR DEFENSE DEFICIENCIES, AND RECOMMEND FEASIBLE AND PREFERRED SOLUTIONS FOR THE DEFICIENCIES.

STUDY: ANNUAL FIELD EXPERIMENT IN SUPPORT OF MODELING (ARCOMS)

STUDY NUMBER: 2890 DTIC NUMBER: SPONSOR: TRADOC

DATA FROM ARCOMS II, DEALING WITH DETECTION AND ENGAGEMENT EVENTS, WILL BE ANALYZED AND EVALUATED. THE RESULTS WILL CONTRIBUTE TO THE HIERARCHY OF COMBINED ARMS MODELS. ARCOMS III WILL ADDRESS OTHER MODELING DATA GAPS.

STUDY: ARMY AIR DEFENSE COMMAND AND CONTROL

STUDY NUMBER: 0404 DTIC NUMBER: DA700358 SPONSOR: TRADOC

THIS STUDY WILL DEVELOP A DIVISION AIR DEFENSE COMMAND AND CONTROL (C2) SYSTEM CONCEPT WHICH OPTIMIZES THE UTILIZATION OF DIVISION AD ASSETS, PROTECTION OF FRIENDLY AIRCRAFT FROM ENGAGEMENT BY FRIENDLY AD, AND THE FLOW OF INFORMATION BETWEEN LOWER AND HIGHER ECHELONS.

STUDY: ARMY AIR DEFENSE FIRING DOCTRINE

STUDY NUMBER: 2558 DTIC NUMBER: DA700256 SPONSOR: TRADOC

THIS STUDY WILL COLLECT PERFORMANCE EFFECTIVENESS DATA FOR THE CURRENT AIR DEFENSE WEAPONS FAMILY, AND IDENTIFY EMPLOYMENT DOCTRINE WHICH MAXIMIZES THE EFFECTIVENESS OF EACH MIX OF AD WEAPONS IDENTIFIED AS ALTERNATE STRATEGIES.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982

GOAL: FUTURE DEVELOPMENT

STUDY: ARMY COMMAND AND CONTROL MASTER PLAN

STUDY NUMBER: 2557 DTIC NUMBER: DA700359 SPONSOR: TRADOC

THIS EFFORT WILL DEVELOP A CONCEPT OF THE ARMY COMMAND AND CONTROL SYSTEM (ACCS) AS AN INTEGRATED SYSTEM. THE CONCEPT WILL PRIORITIZE AUTOMATED TACTICAL SYSTEMS FOR DEVELOPMENT IN RESPONSE TO IDENTIFIED SHORTFALLS, AND DEVELOP THE ACCS ARCHITECTURE.

STUDY: ARMY LONG RANGE APPRAISAL - I (ALRA-I)

STUDY NUMBER: 2706 DTIC NUMBER: SPONSOR: DCSOPS

THIS STUDY WILL USE RESULTS FROM PROTOTYPE ARMY LONG-RANGE APPRAISALS TO INVESTIGATE THE UTILITY OF THE ALRA PROCESS, MAKE RECOMMENDATIONS REGARDING ALRA IMPLEMENTATION, AND FAMILIARIZE THE ARMY STAFF WITH THE PROCESS.

STUDY: ARMY LONG RANGE PLANNING ESTIMATE (LRPE)

STUDY NUMBER: 1231 DTIC NUMBER: DAOG7601 SPONSOR: INSCOM

THIS EFFORT WILL PROVIDE ARMY LONG-RANGE PLANNERS WITH BASIC SOURCE DOCUMENTS OF THREAT DATA FOR LONG-RANGE PLANNING. THE STUDY WILL ANALYZE KEY POLITICAL, SOCIAL, ECONOMIC, SCIENTIFIC, TECHNOLOGICAL AND MILITARY TRENDS THAT AFFECT FUTURE ROLES OF THE ARMY.

STUDY: CHEMICAL ANALYSIS OF EUROPE III SCORES

STUDY NUMBER: 2691 DTIC NUMBER: SPONSOR: TRADOC

THIS STUDY WILL PROVIDE DATA ON TYPE, SIZE, FREQUENCY AND DURATION OF THE CHEMICAL AND BIOLOGICAL HAZARDS FACED BY SELECTED UNITS IN IN THE EUROPE III SCENARIO. RESULTS OF THE STUDY WILL BE USED FOR DESIGN OF CS AND CSS ORGANIZATIONS.

STUDY: CLOSE COMBAT - LIGHT, MISSION AREA ANALYSIS

STUDY NUMBER: 0175 DTIC NUMBER: DAOG7224 SPONSOR: TRADOC

CONTINUING ANALYSIS TO ASSESS CAPABILITIES AND IDENTIFY VOIDS IN INFANTRY DOCTRINE, ORGANIZATIONS AND MATERIEL TO MEET EXPECTED FUTURE THREATS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982

GOAL: FUTURE DEVELOPMENT

STUDY: CLOSE COMBAT HEAVY MISSION AREA ANALYSIS

STUDY NUMBER: 2315 DTIC NUMBER: DAOG7185 SPONSOR: TRADOC

THIS STUDY WILL EXAMINE EMERGING DOCTRINE, TACTICS, TRAINING ORGANIZATIONS AND MATERIEL SYSTEMS IN THE CLOSE COMBAT (HEAVY) MISSION AREA, AND IDENTIFY DEFICIENCIES AND RECOMMEND CORRECTIVE ACTIONS BY PRIORITY.

STUDY: COMBAT SAMPLE GENERATOR (COSAGE) ENHANCEMENT

STUDY NUMBER: 2830 DTIC NUMBER: SPONSOR: CAA

THIS EFFORT WILL TEST, EVALUATE AND MODIFY SELECTED ROUTINES FOR THE CAA DIVISION LEVEL COMBAT COMPUTER MODEL (COSAGE). THE EVALUATION WILL INCLUDE THE TACAIR, AIR DEFENSE, AMMUNITION TRANSPORTATION AND POST PROCESSOR ENHANCEMENTS.

STUDY: COMBAT SUPPORT (NBC) MISSION AREA ANALYSIS - PHASE II

STUDY NUMBER: 2834 DTIC NUMBER: SPONSOR: TRADOC

THIS STUDY WILL DETERMINE THE DEFENSIVE NUCLEAR, BIOLOGICAL AND CHEMICAL TASKS THAT MUST BE PERFORMED IN AN NBC ENVIRONMENT, ASSESS THE ARMY'S CAPABILITY TO PERFORM THESE TASKS, IDENTIFY DEFICIENCIES, AND RECOMMEND PRIORITIZED CORRECTIONS TO DEAL WITH THE DEFICIENCIES.

STUDY: COMBAT SUPPORT ENGINEERING AND MINE WAR MISSION AREA ANALYSIS

STUDY NUMBER: 1910 DTIC NUMBER: DA700563 SPONSOR: TRADOC

THIS EFFORT WILL DETERMINE CURRENT AND FUTURE MISSIONS, TASKS AND CAPABILITIES OF ENGINEER RESOURCES TO SUPPORT THE TOTAL ARMY FORCE IN THE AIR LAND BATTLE. THE STUDY WILL DEVELOP AN IMPLEMENTATION PLAN TO SOLVE IDENTIFIED DEFICIENCIES.

STUDY: COMBAT SUPPORT NBC MISSION AREA ANALYSIS (PHASE I)

STUDY NUMBER: 1405 DTIC NUMBER: DAOG7942 SPONSOR: TRADOC

THIS STUDY WILL DETERMINE THE DEFENSIVE NUCLEAR, BIOLOGICAL AND CHEMICAL TASKS THAT MUST BE PERFORMED IN AN NBC ENVIRONMENT, AND ASSESS THE ARMY'S CAPABILITY TO PERFORM THESE TASKS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
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GOAL: FUTURE DEVELOPMENT

STUDY: COMBINED ARMS AND SUPPORT TASK FORCE EVALUATION MODEL (CASTFOREM)

STUDY NUMBER: 2553 DTIC NUMBER: SPONSOR: TRADOC

THIS EFFORT WILL DEVELOP THE BATTALION TASK FORCE LEVEL ELEMENTS OF A TWO-WAY COMMUNICATIVE HIERARCHY OF COMBINED ARMS SIMULATIONS AND WARGAMES SUPPORTED BY AN INTEGRATED DATA BASE, USING MODERN DISTRIBUTIVE PROCESSING AND STATE-OF-THE-ART GRAPHICS TECHNOLOGY.

STUDY: COMMAND POST SECURITY CONCEPT FOR DIVISION/CORPS/ECHELONS ABOVE CORPS

STUDY NUMBER: 2870 DTIC NUMBER: SPONSOR: TRADOC

DEVELOPMENT OF NEW CONCEPTS FOR SECURITY OF COMMAND POSTS, UNDER CONDITIONS OF CELLULAR AND DISPERSED CP CONCEPTS AND NEW HQ CONFIGURATIONS AT DIV, CORPS AND EAC. RESULTS WILL AFFECT TRAINING AND DOCTRINAL PUBLICATIONS AND TRAINING PROCEDURES.

STUDY: COMMUNICATIONS ALTERNATIVES FOR OVER THE HORIZON SENSORS

STUDY NUMBER: 2875 DTIC NUMBER: SPONSOR: TRADOC

FEASIBILITY STUDY OF OVER THE HORIZON SENSOR INTELLIGENCE INFORMATION LINKED TO GROUND PROCESSING STATIONS. IF SUCCESSFUL, COMMANDERS CAN USE THE MOVING TARGET INDICATOR INFORMATION IN A MORE TIMELY MANNER.

STUDY: COMMUNICATIONS MISSION AREA ANALYSIS

STUDY NUMBER: 2538 DTIC NUMBER: SPONSOR: TRADOC

ADDRESSES CAPABILITY TO PROVIDE ACCURATE AND TIMELY COMMUNICATIONS AMONG TACTICAL UNITS AND BETWEEN TACTICAL AND STRATEGIC NETS, INCLUDING COMMUNICATIONS IN AN ENEMY ELECTRONIC WARFARE ENVIRONMENT.

STUDY: CORPS 86 STUDY

STUDY NUMBER: 0566 DTIC NUMBER: DAOG7216 SPONSOR: TRADOC

THIS STUDY WILL DETERMINE HOW TO ORGANIZE THE HEAVY CORPS, CONTINGENCY CORPS, AND SEPARATE BRIGADE, TO PROVIDE A BALANCED STRUCTURE WHICH CAN EFFECTIVELY MEET ALL LIKELY CONTINGENCIES AND WHICH IS ABLE TO OPERATE EFFICIENTLY WITH OTHER SERVICES AND ALLIES.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

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1 OCTOBER 1982

GOAL: FUTURE DEVELOPMENT

STUDY: CORPS/DIVISION EVALUATION MODEL (CORDIVEM)

STUDY NUMBER: 2525 DTIC NUMBER: DAOG1382 SPONSOR: TRADOC

THIS EFFORT WILL IMPROVE THE CAPABILITY OF CURRENT ARMY DIVISION/CORPS LEVEL WARGAMES AND SIMULATIONS TO SUPPORT STUDY AND ANALYSIS EFFORTS, ESPECIALLY IN AREAS PREVIOUSLY CATEGORIZED AS TOO DIFFICULT TO SIMULATE. LINKAGES TO HIGHER AND LOWER SIMULATIONS WILL BE DEVELOPED.

STUDY: COUNTERTERRORISM STUDY

STUDY NUMBER: 2873 DTIC NUMBER: SPONSOR: TRADOC

DEVELOPMENT OF MILITARY POLICE DOCTRINE RELATIVE TO SECURITY OF VIPS, PROCESSING OF PRISONERS, COUNTERTERRORISM, AND CIVIL DISTURBANCE UNDER CURRENT AND EXPECTED CONDITIONS.

STUDY: C2 SUBSYSTEMS OF ARMY FIELD ARTILLERY TACTICAL DATA SYSTEMS (AFATDS)

STUDY NUMBER: 2884 DTIC NUMBER: SPONSOR: TRADOC

COST BENEFIT ANALYSIS OF COMMUNICATION CONTROL SYSTEM (CCS), REQUIRED AS PART OF THE CCS REQUIREMENTS OPERATION CAPABILITY.

STUDY: ECHELONS ABOVE CORPS

STUDY NUMBER: 0153 DTIC NUMBER: DAOG7209 SPONSOR: TRADOC

THIS STUDY WILL DETERMINE HOW TO ORGANIZE THE ARMY FORCES AT ECHELONS ABOVE CORPS, DEVELOPING A BALANCED FORCE DESIGN WHICH CAN EFFECTIVELY MEET ALL LIKELY CONTINGENCIES, AND WHICH IS ABLE TO OPERATE EFFICIENTLY WITH OTHER SERVICES AND ALLIES.

STUDY: EFFECTS OF NUCLEAR RELEASE DOCTRINE ON COMBAT EFFECTIVENESS

STUDY NUMBER: 2575 DTIC NUMBER: SPONSOR: TRADOC

THIS STUDY WILL EXAMINE CONCEPTS AND DOCTRINE DEALING WITH THE INTEGRATED BATTLEFIELD. TIME LINES ASSOCIATED WITH NUCLEAR RELEASE PROCEDURES AND THE INTERACTION WITH THE DYNAMICS OF TARGET ARRAYS WILL BE ANALYZED, SHOWING PENALTIES OR BENEFITS ASSOCIATED WITH DELAYS IN RELEASE PROCEDURES.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

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GOAL: FUTURE DEVELOPMENT

STUDY: ENGINEERING MODELING STUDY

STUDY NUMBER: 1007 DTIC NUMBER: DA700533 SPONSOR: TRADOC

THIS EFFORT WILL DEVELOP FORCE-ON-FORCE MODELS THAT HAVE ENGINEER FUNCTIONS ACCURATELY REPRESENTED. AS PART OF THE ARMY MODEL IMPROVEMENT PROGRAM, IT WILL IMPROVE ANALYSIS OF ENGINEER CONTRIBUTIONS TO THE COMBINED ARMS BATTLEFIELD.

STUDY: FORCE EFFECTIVENESS MEASURES

STUDY NUMBER: 2833 DTIC NUMBER: SPONSOR: CAA

DEVELOPMENT OF MEASURES OF DYNAMIC-FORCE EFFECTIVENESS AND WEAPON CONTRIBUTION INDICATORS.

STUDY: FUTURE MUNITIONS SUPPORT CONCEPTS

STUDY NUMBER: 2858 DTIC NUMBER: SPONSOR: TRADOC

THIS STUDY WILL USE THE CORPS AMMUNITION MODEL (CAM) TO EVALUATE FUTURISTIC MUNITIONS SUPPORT CONCEPTS USING ROBOTICS AND AUTOMATION TECHNOLOGIES.

STUDY: HIGH & MEDIUM ALTITUDE AIR DEFENSE SYSTEMS INTEROP REQUIREMENTS

STUDY NUMBER: 2845 DTIC NUMBER: SPONSOR: TRADOC

THIS STUDY WILL DEFINE THE FUNCTIONAL INTEROPERABILITY REQUIREMENTS BETWEEN PRESENT AND PROPOSED HIGH AND MEDIUM ALTITUDE AIR DEFENSE SYSTEMS, AND EXAMINE THESE REQUIREMENTS TO DETERMINE ALTERNATIVES WITHIN THE SYSTEM CAPABILITIES.

STUDY: HQ SOUTHCOM INTELLIGENCE ADP SUPPORT REQUIREMENTS

STUDY NUMBER: 2946 DTIC NUMBER: SPONSOR: ACSI

THIS STUDY WILL PROVIDE A DETERMINATION OF THE COMPUTER SUPPORT REQUIREMENT FOR LOCALLY PRODUCED INTELLIGENCE. HQ SOUTHCOM MUST ACCESS NATIONAL INTELLIGENCE FILES; THIS STUDY WILL DEFINE THE COMMUNICATIONS REQUIREMENTS TO ALLOW SOUTHCOM SUCH ACCESS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

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1 OCTOBER 1982

GOAL: FUTURE DEVELOPMENT

STUDY: IMPACT OF THREAT MODULATION TECHNIQUES ON COLLECTION

STUDY NUMBER: 2864 DTIC NUMBER: SPONSOR: TRADOC

STUDY TO PROVIDE CATALOG AND ANALYSIS OF PROJECTED THREAT MODULATION TECHNIQUES (ALSO CALLED SPREAD SPECTRUM TECHNIQUES) AND POSTULATED EMPLOYMENTS. RESULTS WILL BE COMPARED WITH US COUNTER CAPABILITIES, TO YIELD IDENTIFICATION OF DEFICIENCIES.

STUDY: IMPLICATIONS OF SPACE SYSTEMS FOR THE USARMY

STUDY NUMBER: 2933 DTIC NUMBER: SPONSOR: DCSOPS

THE ARMY MUST IDENTIFY OPPORTUNITIES OFFERED BY SPACE SYSTEMS TO FULFILL ARMY MISSIONS, AND DEFINE COSTS AND BENEFITS EXPECTED FOR VARIOUS POLICY OPTIONS. THIS STUDY WILL EXPLORE POSSIBLE FUTURE MISSION DEMAND FOR POTENTIAL APPLICATIONS OF SPACE TECHNOLOGIES.

STUDY: IMPROVED HAWK (IHAWK) EVOLUTION

STUDY NUMBER: 2844 DTIC NUMBER: SPONSOR: TRADOC

THIS STUDY WILL EVALUATE ALTERNATIVES FOR IHAWK DEVELOPMENT, USING THE CURRENT SYSTEM, POSTULATED THREAT, AND EMPLOYMENT OPTIONS AS BASELINES. THE VARIOUS DEVELOPMENTAL ALTERNATIVES, WITH THE EFFECTS OF EACH ALTERNATIVE, WILL BE IDENTIFIED.

STUDY: IMPROVING THE DEFINITION OF THE OBJECTIVE FORCE (IDOFOR)

STUDY NUMBER: 1784 DTIC NUMBER: DA724470 SPONSOR: DCSOPS

THIS STUDY EXTENDS THE WORK COMPLETED DURING PHASES I AND II OF THE IDOFOR STUDY. THE IDOFOR PROCESS WILL BE APPLIED TO SUPPORT MID-RANGE REQUIREMENTS PLANNING AND MID- TO LONG RANGE OBJECTIVE FORCE PLANNING.

STUDY: INTELLIGENCE & ELECTRONIC WARFARE MODEL (PHASE II)

STUDY NUMBER: 1839 DTIC NUMBER: DAOG7278 SPONSOR: TRADOC

DEVELOPMENT OF A MODEL TO PORTRAY INTEL AND EW SYSTEMS, ORGANIZATIONS, TACTICS, DOCTRINE, AND PROCEDURES, WITH TECHNIQUES FOR DETERMINING THEIR CONTRIBUTIONS TO COMBAT EFFECTIVENESS. PARTICULAR FOCUS IS ON INTEGRATION OF DATA BASES AND PERFORMANCE MODELS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

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GOAL: FUTURE DEVELOPMENT

STUDY: JANUS ENHANCEMENTS FOR COMMAND AND GENERAL STAFF COLLEGE (CGSC)

STUDY NUMBER: 2554 DTIC NUMBER: DAOG7915 SPONSOR: TRADOC

EVALUATION OF COMPETITIVE SIMULATIONS FOR BRIGADE LEVEL OPERATIONS FOR USE AT CGSC. REQUIREMENT IS FOR AN INTERACTIVE (HUMAN INTERVENTION), OPEN, TWO-SIDED, NUCLEAR GAME.

STUDY: LARGE AREA SMOKE SIMULATION

STUDY NUMBER: 2874 DTIC NUMBER: SPONSOR: TRADOC

THIS EFFORT WILL DEVELOP A COMPUTER PROGRAM WHICH SIMULATES LARGE AREA SMOKE AND OTHER OBSCURANTS IN THE COMBAT ZONE, AND WHICH INTERFACES WITH TRADOC'S HIERARCHY OF MODELS.

STUDY: LIGHT DIVISION 86 STUDY

STUDY NUMBER: 0177 DTIC NUMBER: DAOG7256 SPONSOR: TRADOC

THIS STUDY WILL DETERMINE HOW TO ORGANIZE THE INFANTRY DIVISION 86, THE AIRBORNE DIVISION, AND THE AIR ASSAULT DIVISION, TO PROVIDE A BALANCED STRUCTURE WHICH CAN EFFECTIVELY MEET ALL LIKELY CONTINGENCIES AND WHICH IS ABLE TO OPERATE EFFICIENTLY WITH OTHER SERVICES AND ALLIES.

STUDY: MAINTENANCE CAPABILITIES ATTACK MODEL (MACATAK)

STUDY NUMBER: 2866 DTIC NUMBER: SPONSOR: TRADOC

DEVELOPMENT OF SIMULATION PROCEDURES TO PERMIT TREATMENT OF TEST AND REPAIR PROCESSES AS SEPARATE FUNCTIONS, AND THE REPRESENTATION OF MULTIPLE TEST EQUIPMENT IN A SINGLE RUN. THE CHANGES WILL ALLOW FOR IMPROVED MODEL EFFICIENCY IN TERMS OF MOS USE AND EQUIPMENT CONFIGURATIONS.

STUDY: MAINTENANCE MANPOWER AND LOGISTICS ANALYSIS (MALA) METHODOLOGY

STUDY NUMBER: 2569 DTIC NUMBER: SPONSOR: TRADOC

EXAMINATION OF ALTERNATIVE TECHNIQUES FOR DETERMINING MAINTENANCE PERSONNEL REQUIREMENTS AND CONDUCTING LOGISTICS ANALYSIS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982

GOAL: FUTURE DEVELOPMENT

STUDY: MANEUVER CONTROL SYSTEMS COST PERFORMANCE

STUDY NUMBER: 2688

DTIC NUMBER:

SPONSOR: TRADOC

PART OF SIGMA INTEGRATION. FOCUS ON AUTOMATION OF S3/G3 FUNCTIONS WITHIN TACTICAL OPERATIONS SYSTEM.

STUDY: METEOROLOGICAL DATA SYSTEMS - AN/TMQ31 (COEA)

STUDY NUMBER: 2891

DTIC NUMBER:

SPONSOR: TRADOC

THIS STUDY WILL DETERMINE ALTERNATIVE ORGANIZATIONS AND RELATED COSTS OF METEOR DATA SYSTEMS TO SUPPORT IN PROGRESS REVIEW DECISIONS. WILL PROVIDE A LOOK AT THE NUMBER OF SYSTEMS AND PERSONNEL PER SYSTEM WITHIN THE DIVISION STRUCTURE.

STUDY: MILITARY OPERATIONS IN URBAN TERRAIN (MOUT)

STUDY NUMBER: 2536

DTIC NUMBER: DAOG9534

SPONSOR: TRADOC

DEVELOPMENT OF SYSTEMIC MOUT SIMULATION MODEL TO EXAMINE TACTICS, ORGANIZATIONS AND MATERIEL. MODEL TO BE BASED ON BREACH SIMULATION WITH A MOUT CAPABILITY ADDED.

STUDY: MODEL DEVELOPMENT, IMPROVEMENT

STUDY NUMBER: 2831

DTIC NUMBER:

SPONSOR: CAA

IMPROVEMENTS IN DATA BASES AND MODELS TO SUPPORT THE ANALYSIS OF CONTINGENCY SITUATIONS AND TO SUPPORT ROUTINE PROGRAMING DECISIONS.

STUDY: MODELING CONTINUOUS OPERATION VARIABLES

STUDY NUMBER: 2853

DTIC NUMBER:

SPONSOR: TRADOC

THIS EFFORT WILL DEVELOP A COMPUTER SIMULATION MODEL TO FORECAST CRITICAL VARIABLE DEGRADATION (HUMAN) UNDER CONDITIONS OF CONTINUOUS COMBAT OPERATIONS. THE MODEL WILL ASSIST IN DETERMINING MANPOWER ATTRITION IN COMBAT AND EXPECTED REPLACEMENT REQUIREMENTS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982

GOAL: FUTURE DEVELOPMENT

STUDY: NETTED UNIVERSAL RADAR (NURADS) - COEA/CTEA

STUDY NUMBER: 2885

DTIC NUMBER:

SPONSOR: TRADOC

THIS EFFORT WILL CONDUCT A COST AND OPERATIONAL EFFECTIVENESS ANALYSIS FOR A NETTABLE MTI RADAR AS A COMPONENT OF A TARGET INTEGRATION CENTER. A COMPARISON WILL BE MADE OF THE NETTED UNIVERSAL RADAR AND ITS ALTERNATIVES TO SUPPORT AN MTI RADAR DEVELOPMENT DECISION.

STUDY: PROJECTION OF SOVIET/WARSAW PACT ELECTRONIC WARFARE THREAT TO THE USA

STUDY NUMBER: 1237

DTIC NUMBER: DAOG7546

SPONSOR: INSCOM

THIS STUDY WILL PROVIDE PROJECTIONS OF SOVIET TACTICAL GROUND BASED AND AIRBORNE ELECTRONIC WARFARE DOCTRINE, TACTICS, ORGANIZATION, EQUIPMENT, AND DEPLOYMENT ASSOCIATED WITH OPERATIONS IN WESTERN EUROPE DURING THE 1986-2000 TIMEFRAME.

STUDY: RESPONSIVE COST METHODOLOGY DEVELOPMENT IN SUPPORT OF ARMY 86-88

STUDY NUMBER: 1923

DTIC NUMBER: DAOG7270

SPONSOR: TRADOC

THIS STUDY WILL DEVELOP PROCEDURES AND SUPPORTING COMPUTER SOFTWARE AND DATA BASES FOR THE PROJECTION OF FORCE COSTS IN SUPPORT OF THE ARMY 86/90 STUDIES AS WELL AS OTHER TRADOC STUDIES.

STUDY: RESTRUCTURING DIVISION FM (RADIO) NETS

STUDY NUMBER: 2841

DTIC NUMBER:

SPONSOR: TRADOC

AN ANALYSIS OF THE NEED FOR PRESENT FM NETS IN CONJUNCTION WITH MOBILE SUBSCRIBER EQUIPMENT (MSE), EXPECTED TO RESULT IN THE IDENTIFICATION OF NETS TO BE ELIMINATED AND NETS TO BE RESTRUCTURED.

STUDY: ROBOTICS IN THE ARMY

STUDY NUMBER: 2452

DTIC NUMBER:

SPONSOR: DCSRDA

ANALYSIS OF THE POTENTIAL FOR THE USE OF ARTIFICIAL INTELLIGENCE AND ROBOTICS TO REDUCE PERSONNEL REQUIREMENTS AND/OR INCREASE COMBAT EFFECTIVENESS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982

GOAL: FUTURE DEVELOPMENT

STUDY: SOVIET/WARSAW PACT GROUND/AIR DEFENSE THREAT (GADT)

STUDY NUMBER: 1215 DTIC NUMBER: DA664009 SPONSOR: INSCOM

THIS STUDY WILL PROVIDE CHARACTERISTICS AND PERFORMANCE DATA ON SOVIET AND WARSAW PACT SURFACE-TO-AIR MISSILE SYSTEMS FOR THE PERIOD 1979 TO 1999. RESULTS WILL BE USED IN OTHER ARMY STUDIES, WARGAMES AND EFFECTIVENESS EVALUATIONS.

STUDY: SPECIAL FORCES SYSTEM ANALYSIS

STUDY NUMBER: 2750 DTIC NUMBER: SPONSOR: TRADOC

DETERMINATION OF TYPES OF MISSIONS FOR SPECIAL FORCES GROUPS IN 1990S. PURPOSE IS TO IDENTIFY OPPORTUNITIES FOR IMPROVED CAPABILITIES AND IDENTIFY DEFICIENCIES NEEDING CORRECTION.

STUDY: STRUCTURING THE DIVISION FOR CONTINUOUS OPERATIONS

STUDY NUMBER: 1929 DTIC NUMBER: DAOG7281 SPONSOR: TRADOC

THIS STUDY WILL DEVELOP GUIDELINES FOR FIELD COMMANDERS CONCERNING THE FACTORS ASSOCIATED WITH UNIT EFFECTIVENESS, AND THE LEVELS OF THOSE FACTORS WHICH PROVIDE WARNING INDICATORS OF THE NEED FOR RECONSTITUTION. RESULTING DATA WILL BE INCORPORATED INTO CURRENT DIVISION/CORPS WARGAMES.

STUDY: TACTICAL AND STRATEGIC AIR-TO-SURFACE MISSILE

STUDY NUMBER: 1216 DTIC NUMBER: DAOG7616 SPONSOR: INSCOM

THIS STUDY WILL PROVIDE CHARACTERISTICS AND PERFORMANCE DATA ON USSR AND PRC AIR-TO-SURFACE MISSILE SYSTEMS. PROJECTIONS WILL BE BEYOND CURRENT DEFENSE INTELLIGENCE PROJECTIONS. PRIMARY CONSIDERATION WILL BE GIVEN TO SOVIET AND PRC REQUIREMENTS AND TECHNOLOGICAL CONSTRAINTS.

STUDY: TANK FLEET ANALYSIS STUDY

STUDY NUMBER: 2857 DTIC NUMBER: SPONSOR: TRADOC

THIS STUDY WILL EXAMINE THE CURRENT SERIES OF TANKS AND THE PROJECTED MIX OF TANKS IN THE FLEET BEYOND THE 1989 TIME FRAME, AND DEVELOP A PLAN WHICH PROVIDES FOR THE DEVELOPMENT OF THE BEST AVAILABLE TANK FORCE IN ADEQUATE NUMBERS TO COUNTER THE THREAT.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982

GOAL: FUTURE DEVELOPMENT

STUDY: TECHNOLOGY INNOVATION AND TRANSFER POTENTIAL

STUDY NUMBER: 2734 DTIC NUMBER: SPONSOR: DCSRDA

TEST OF THE ASSUMPTION THAT FEDERAL LABORATORIES GENERATE PRODUCTS AND PROCESSES WITH GREAT COMMERCIAL PROMISE AND COMPARISON OF THE PATENT ACTIVITY OF ARMY LABS WITH THAT OF OTHER SERVICES.

STUDY: THEATER LEVEL COMBAT MODEL, FORCEM

STUDY NUMBER: 2829 DTIC NUMBER: SPONSOR: CAA

CAA IS DEVELOPING A NEW THEATER LEVEL COMBAT COMPUTER MODEL (FORCEM) AS PART OF THE ARMY MODEL IMPROVEMENT PROGRAM (AMIP). THIS EFFORT WILL PROVIDE LOGIC DESIGN FOR FORCEM AND IMPLEMENT NEW FUNCTIONAL ROUTINES (MODULES) IN FORCEM.

STUDY: UTILIZATION OF MILLIMETER WAVE COMMUNICATIONS COLLECTION

STUDY NUMBER: 2872 DTIC NUMBER: SPONSOR: TRADOC

EXPLANATION OF TECHNIQUES OF MM WAVE COMMUNICATIONS AND PREDICTED THREAT USE OF SUCH COMMUNICATIONS, WITH THE VALUE OF COLLECTION OF COMMUNICATIONS TO DIV AND CORPS, AND SUGGESTED TECHNIQUES FOR COLLECTION.

STUDY: VECTOR II COMBAT EFFECTIVENESS ANALYSIS

STUDY NUMBER: 2391 DTIC NUMBER: DAOG7919 SPONSOR: TRADOC

CORPS LEVEL MODEL DEVELOPMENT, SUPPORTING INTELLIGENCE AND ELECTRONIC WARFARE MISSION AREA ANALYSIS AND LETHAL ATTACK OF EMITTERS. MODEL IS TO HELP DETERMINE NECESSARY RESOURCES.

STUDY: VULNERABILITY ASSESSMENTS

STUDY NUMBER: 2859 DTIC NUMBER: SPONSOR: TRADOC

THIS STUDY WILL DEVELOP VULNERABILITY DATA FOR AMMUNITION RESUPPLY ACTIVITIES AND MISSILE MAINTENANCE SUPPORT ACTIVITIES. THE DATA IS NEEDED FOR PERFORMANCE OF SUPPORTABILITY EVALUATIONS FOR VARIOUS THREAT ENVIRONMENTS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982

GOAL: STRATEGIC DEPLOYMENT

STUDY: ARMED FORCES PLANNING DATA AND ASSUMPTIONS - FY 84-93 (AFPDA 84-93)

STUDY NUMBER: 2425 DTIC NUMBER: SPONSOR: DCSOPS

THIS EFFORT WILL DEVELOP DATA AND ASSUMPTIONS FOR THE CONDUCT OF FORCE ANALYSIS IN SUPPORT OF PPBS. RESULTS WILL BE PUBLISHED AND DISSEMINATED IN A DOCUMENT TO PROVIDE A FORMAL RECORD OF THE KEY DATA AND ASSUMPTIONS.

STUDY: ARMY LONG RANGE APPRAISAL - II (ALRA-II)

STUDY NUMBER: 2772 DTIC NUMBER: SPONSOR: DCSOPS

THIS EFFORT WILL PROVIDE RECOMMENDATIONS FOR IMPLEMENTATION OF THE ARMY LONG-RANGE APPRAISAL PROCESS. ALRA WILL BE USED TO DETERMINE LONG-RANGE PROBLEM AREAS FOR WHICH PLANNING AND RESOURCES WILL BE INITIATED OR PROVIDED.

STUDY: JOINT STRATEGIC PLANNING DOCUMENT ANALYSIS - 83

STUDY NUMBER: 2773 DTIC NUMBER: SPONSOR: DCSOPS

THIS STUDY WILL PROVIDE AN ANALYSIS OF US AND ALLIED FORCE REQUIREMENTS AND CAPABILITIES, FOCUSING ON A GLOBAL SCENARIO INVOLVING NATO AND TWO OTHER LESSER CONTINGENCIES IN THE 1983 TIME FRAME. RESULTS WILL BE USED TO SUPPORT JOINT STRATEGIC PLANNING DOCUMENT, FY 86-93.

STUDY: MEASURING AND REPORTING ON IMPROVED CAPABILITY OF ARMY FORCE (MICAF)

STUDY NUMBER: 2940 DTIC NUMBER: SPONSOR: DCSOPS

DEVELOPMENT OF A STATUS REPORTING MECHANISM MORE SENSITIVE TO FORCE MODERNIZATION CHANGES IN ARMY MATERIEL AND MAJOR ORGANIZATIONAL CHANGES.

STUDY: SUPPORT TO HIGH TECH LIGHT DIV (HTLD)

STUDY NUMBER: 2894 DTIC NUMBER: SPONSOR: DARCOM

EVALUATION OF MATERIEL SYSTEMS CONSIDERED FOR USE BY THE HTLD, WITH EMPHASIS ON SUPPORTABILITY TO A QUICKLY TRANSPORTABLE AND HIGHLY LETHAL FIGHTING FORCE.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982

GOAL: STRATEGIC DEPLOYMENT

STUDY: TOTAL ARMY ANALYSIS (TAA-90)

STUDY NUMBER: 2774 DTIC NUMBER: SPONSOR: DCSOPS

THIS IS AN ANNUAL STUDY TO PROVIDE A TIME-PHASED SET OF SUPPORT UNIT REQUIREMENTS NECESSARY TO SUSTAIN THE PROGRAMED ARMY COMBAT UNITS IN LAND WARFARE AS PORTRAYED IN SIMULATIONS AND ANALYSES. THE STUDY ALSO PROVIDES INDICATIONS FOR FORCE EFFECTIVENESS AND POTENTIAL IMPROVEMENTS.

STUDY: TOTAL ARMY ANALYSIS - 1988 (AYA)

STUDY NUMBER: 0545 DTIC NUMBER: DAOG7174 SPONSOR: DCSOPS

THIS ANNUAL STUDY PROVIDES A TIME-PHASED SET OF COMBAT SUPPORT UNIT REQUIREMENTS NECESSARY TO SUSTAIN THE PROGRAMED ARMY COMBAT UNITS IN LAND WARFARE AS PORTRAYED IN SIMULATION AND ANALYSES. THE STUDY ALSO PROVIDES INDICATORS OF FORCE EFFECTIVENESS AND OF AREAS FOR POTENTIAL IMPROVEMENT.

STUDY: TRANSPORTATION MODEL (TRANSMO) IMPROVEMENT

STUDY NUMBER: 2828 DTIC NUMBER: SPONSOR: CAA

DETERMINATION OF TOTAL RESOURCES (INTER AND INTRA THEATER) NEEDED TO MOVE FORCES IN A GLOBAL SCENARIO TO HELP ASSESS STRATEGIC MOBILITY.

STUDY: TRANSPORTATION SUPPORT TO CONTINGENCY OPERATIONS

STUDY NUMBER: 2865 DTIC NUMBER: SPONSOR: TRADOC

UPDATE OF ARMY TRANSPORTATION DOCTRINE, ORGANIZATION, AND EQUIPMENT NEEDS FOR 1990S AND BEYOND FOR OPERATIONS IN CONTINGENCY AREAS. STUDY IS AN EXTENSION OF MID-EAST ANALYSIS UNDERWAY IN COMBAT SERVICES SUPPORT MISSION AREA ANALYSIS LEVEL II.

STUDY: WARTIME REQUIREMENTS NEAR TERM - FY 85 (EUROPE)

STUDY NUMBER: 2443 DTIC NUMBER: SPONSOR: DCSOPS

THIS STUDY WILL DEVELOP A REQUIREMENTS TRANSITION METHODOLOGY (RTM) TO ESTIMATE NEAR-TERM WAR RESERVE REQUIREMENTS, AND APPLY THIS METHODOLOGY TO UPDATE CONVENTIONAL AMMUNITION AND MATERIEL REQUIREMENTS FOR EUROPE FOR 1985.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES

1 OCTOBER 1982

GOAL: STRATEGIC DEPLOYMENT

STUDY: WARTIME REQUIREMENTS NEAR TERM - FY 87 (MID EAST)

STUDY NUMBER: 2949

DTIC NUMBER:

SPONSOR: DCSOPS

THIS STUDY WILL DEVELOP AMMUNITION CONSUMPTION RATES AND EQUIPMENT WARTIME REPLACEMENT FACTORS (WARF) FOR THE RDJTF AS A SEPARATELY DEPLOYED FORCE IN A MID-EAST 1988 THREAT SCENARIO.

STUDY: WARTIME REQUIREMENTS PROGRAMMING - FY90 (EUROPE)

STUDY NUMBER: 2434

DTIC NUMBER:

SPONSOR: DCSOPS

THIS STUDY WILL DEVELOP NONNUCLEAR WARTIME REQUIREMENTS FOR AMMUNITION, MATERIEL AND FUEL FOR US FORCES IN A EUROPEAN WAR. AMMUNITION REQUIREMENTS FOR WEST GERMAN FORCES WILL ALSO BE DEVELOPED. BASE YEAR FOR THE STUDY IS 1990.

STUDY: WARTIME REQUIREMENTS PROGRAMMING - FY90 (KOREA)

STUDY NUMBER: 2435

DTIC NUMBER:

SPONSOR: DCSOPS

THIS STUDY WILL DEVELOP NONNUCLEAR WARTIME REQUIREMENTS FOR AMMUNITION, MATERIEL AND FUEL FOR US FORCES IN A KOREAN WAR. THE BASE YEAR FOR THE STUDY IS 1990.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES

1 OCTOBER 1982

GOAL: MANAGEMENT

STUDY: AMBULATORY CARE DATA BASE

STUDY NUMBER: 2492 DTIC NUMBER: DAOG9528 SPONSOR: TSG

DEVELOPMENT OF DATA TO ASSESS PERSONNEL REQUIREMENTS, MEASURE WORKLOAD, AND MEET EPIDEMIOLOGICAL AND OTHER RESEARCH REQUIREMENTS.

STUDY: ARMOR MISSION AREA DEVELOPMENT PLAN

STUDY NUMBER: 2848 DTIC NUMBER: SPONSOR: TRADOC

DEVELOPMENT OF PLAN OF ACTION TO ADDRESS DEFICIENCIES IDENTIFIED BY THE CLOSE COMBAT HEAVY MAA, LEVEL II.

STUDY: ARMY AWARDS POLICY

STUDY NUMBER: 2812 DTIC NUMBER: SPONSOR: DCSPER

A 1977 STUDY RESULTED IN NUMEROUS POLICY CHANGES IN THE MILITARY AWARDS PROGRAM. THIS FOLLOW-UP STUDY WILL DETERMINE WHETHER THE POLICY CHANGES HAVE REMOVED PREVIOUS PERCEPTIONS THAT THE MILITARY AWARDS SYSTEM WAS GENERALLY INEQUITABLE.

STUDY: ARMY BASELINE MANPOWER REQUIREMENTS

STUDY NUMBER: 2349 DTIC NUMBER: DAOH0311 SPONSOR: DCSPER

THIS STUDY WILL PROVIDE A MACROLEVEL BASIS FOR DISPLAYING THE ARMY'S MANPOWER REQUIREMENTS, SO THE IMPACT OF CONSTRAINTS AND SHORTFALLS CAN BE EXPRESSED IN TERMS OF LEVELS OF READINESS. THE STUDY WILL COMPLEMENT THE FUNCTIONAL STAFFING STANDARDS PROGRAM.

STUDY: ARMY HEALTH SERVICE REGIONS AND THE TERTIARY CARE SYSTEM

STUDY NUMBER: 2761 DTIC NUMBER: SPONSOR: TSG

THIS STUDY WILL REVIEW CURRENT TERTIARY CARE PROGRAMS USING THE REGIONAL MEDICAL CENTER CONCEPT AND PROVIDE RECOMMENDATIONS FOR ENHANCING HEALTH CARE SERVICES.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982

GOAL: MANAGEMENT

STUDY: ARMY PRISONER POPULATION PREDICTION

STUDY NUMBER: 2799 DTIC NUMBER: SPONSOR: DCSPER

THIS EFFORT WILL DEVELOP A PREDICTIVE MODEL TO PROJECT THE ARMY PRISONER POPULATION IN THE FUTURE. THE MODEL IS NEEDED TO PREDICT FUTURE NEEDS FOR ARMY CORRECTIONS FACILITIES.

STUDY: ARMY SCIENCE AND ENGINEER APPRENTICE PROGRAM FOR HIGH SCHOOL STUDENTS

STUDY NUMBER: 2729 DTIC NUMBER: SPONSOR: DCSRDA

DEVELOP, IMPLEMENT, AND ASSESS THE ARMY'S PORTION OF THE DOD APPRENTICESHIP PROGRAM.

STUDY: ARMY STRATEGIC BMD TECHNICAL INITIATIVE MANAGEMENT PLAN

STUDY NUMBER: 2738 DTIC NUMBER: SPONSOR: TRADOC

MACRO STUDY OF SBMD REQUIREMENTS, CAPABILITIES AND DEFICIENCIES TO RESULT IN A PLAN TO ASSESS SHORTFALLS AND PROBLEMS.

STUDY: ARMY-86 IMPACT ON DARCOM RESOURCES

STUDY NUMBER: 2910 DTIC NUMBER: SPONSOR: DARCOM

TRANSITION TO ARMY-86 WILL BEGIN WITH CONVERSION TO THE HEAVY DIVISION-86 ORGANIZATION STRUCTURE USING CURRENT EQUIPMENT. FINAL TRANSITION WILL DEPEND ON AVAILABILITY OF MODERNIZED EQUIPMENT. THIS STUDY WILL DETERMINE RESOURCE IMPACTS OF THE TRANSITION ON DARCOM FUNCTIONS.

STUDY: ASSESSMENT OF USARMY NEED FOR SCIENTISTS/ENGINEERS/TECHNICAL PERSONNEL

STUDY NUMBER: 2728 DTIC NUMBER: SPONSOR: DCSRDA

IDENTIFICATION OF FACTORS AFFECTING THE ACQUISITION AND RETENTION OF COMPETENT MILITARY AND CIVILIAN PERSONNEL, AND OPPORTUNITIES FOR IMPROVING RETURN-ON-INVESTMENT.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES

1 OCTOBER 1982

GOAL: MANAGEMENT

STUDY: BORROWED OPERATIONS STANDARDS STUDY (BOSS)

STUDY NUMBER: 2881

DTIC NUMBER:

SPONSOR: DCSPER

A NUMBER OF MANPOWER STANDARDS ARE CURRENTLY EMPLOYED IN THE ARMY. THIS STUDY WILL GATHER DATA FROM EXISTING STANDARDS AT ARMY INSTALLATION LEVELS, AND FROM AIR FORCE AND NAVY, TO DEVELOP COMMON STANDARDS FOR POSSIBLE UNIFORM APPLICATION THROUGHOUT THE ARMY.

STUDY: CENTRALIZED PREPARATION OF LETTERS OF OFFER AND ACCEPTANCE

STUDY NUMBER: 2678

DTIC NUMBER: DAOG8362

SPONSOR: DARCOM

FOCUS IS ON FEASIBILITY OF STANDARDIZED PROCEDURES AND CENTRALIZED PROCESSING OF LOAS FOR THE SECURITY ASSISTANCE PROGRAM.

STUDY: CONSOLIDATION OF DOD CALIBRATION ACTIVITIES

STUDY NUMBER: 0194

DTIC NUMBER: DAOG9518

SPONSOR: DARCOM

THIS STUDY REVIEWS DOD CALIBRATION ACTIVITIES TO DETERMINE IF DUPLICATION OF CALIBRATION SERVICES CAN BE ELIMINATED THROUGH NEW SUPPORT CONFIGURATIONS. ALTERNATIVE CONCEPTS WILL BE FORMULATED, AND ECONOMIC AND RISK ANALYSIS OF THE ALTERNATIVES WILL BE ACCOMPLISHED.

STUDY: C2 SIMULATION DEVELOPMENT (AMIP)

STUDY NUMBER: 2350

DTIC NUMBER:

SPONSOR: CAA

DEVELOPMENT OF A COMMAND AND CONTROL (C2) MODULE FOR FORCECOM, AS PART OF ARMY MODEL IMPROVEMENT PROGRAM.

STUDY: DARCOM INSTALLATION CAPABILITIES EVALUATION

STUDY NUMBER: 2913

DTIC NUMBER:

SPONSOR: DARCOM

DEVELOPMENT OF PROCEDURE FOR CREATION OF CENTRAL DATA BASE CONTAINING: SPECIAL SKILLS WITH ORGANIZATIONAL LOCATIONS, UNUSUAL EQUIPMENT IN DARCOM, AND REAL PROPERTY WITH A POTENTIAL FOR USE OTHER THAN IN SUPPORT OF DARCOM MISSION.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982

GOAL: MANAGEMENT

STUDY: DARCOM PROVISIONING METHODOLOGY VALIDATION ASSESSMENT

STUDY NUMBER: 2605 DTIC NUMBER: DAOG3961 SPONSOR: DARCOM

DEVELOP PROCEDURES TO IMPROVE INITIAL PROVISIONING REQUIREMENTS DETERMINATIONS.

STUDY: DECENTRALIZATION OF TAGO PRINTING TO EXPEDITE THE PRINTING PROCESS

STUDY NUMBER: 2820 DTIC NUMBER: SPONSOR: TAGC

THIS STUDY WILL ADDRESS THE BENEFITS OF DECENTRALIZATION OF PRINTING, AND BUDGETING AND FUNDING FOR PRINTING. BENEFITS WILL BE EXPRESSED IN TERMS OF COST EFFECTIVENESS AND INCREASED RESPONSIVENESS.

STUDY: DEPENDENT DENTAL CARE NEEDS

STUDY NUMBER: 2769 DTIC NUMBER: SPONSOR: TSG

THIS STUDY WILL PROVIDE INFORMATION ON DEPENDENT DENTAL CARE NEEDS WHICH WILL BE USED IN PLANNING FOR DEPENDENT CARE AT REMOTE INSTALLATIONS.

STUDY: DESERTER RETURNEE PROCESSING

STUDY NUMBER: 2807 DTIC NUMBER: SPONSOR: DCSPER

DESERTER RETURNEES ARE PRIMARILY PROCESSED FOR RETENTION OR SEPARATION BY SIX PERSONNEL CONTROL FACILITIES (PCF). ARGUMENTS CAN BE MADE FOR RETURNING THESE MEMBERS TO THEIR FORMER UNITS OF ASSIGNMENT FOR PROCESSING. THIS STUDY WILL RECOMMEND THE BEST OPTION.

STUDY: DOLLARS VS READINESS

STUDY NUMBER: 2902 DTIC NUMBER: DAOH0185 SPONSOR: DARCOM

DEVELOPMENT OF MACRO-LEVEL METHODS FOR DETERMINING THE RELATIONSHIP BETWEEN MATERIEL READINESS/SUSTAINABILITY AND FUNDS INVESTED IN VARIOUS RESOURCES (E.G., FLOAT END ITEMS, REPAIR PARTS, TEST EQUIPMENT, AND MAINTENANCE PERSONNEL).

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

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1 OCTOBER 1982

GOAL: MANAGEMENT

STUDY: ECONOMIC BENEFIT TO MILITARY COMMUNITIES

STUDY NUMBER: 2926 DTIC NUMBER: SPONSOR: DCSPER

CONCRETE DATA DOES NOT EXIST TO DEMONSTRATE THAT MILITARY PERSONNEL AND THEIR FAMILIES MAKE SIGNIFICANT ECONOMIC CONTRIBUTIONS TO THE COMMUNITIES WHERE THEY LIVE. THIS STUDY WILL DEVELOP AN INVENTORY OF THE ECONOMIC BENEFITS OF SELECTED MILITARY POPULATIONS ON THEIR CIVILIAN COMMUNITIES.

STUDY: EMERGENCY DENTAL CARE

STUDY NUMBER: 2768 DTIC NUMBER: SPONSOR: TSG

THIS STUDY WILL DEMONSTRATE HOW EMERGENCY DENTAL CONDITIONS ARE DISTRIBUTED AMONG BENEFICIARY GROUPS AND ESTIMATE THE RATES FOR DIFFERENT EMERGENCY CONDITIONS.

STUDY: ESTABLISHMENT OF ARMY PERSONNEL COMMAND (PERSCOM)

STUDY NUMBER: 2348 DTIC NUMBER: DA0H0316 SPONSOR: DCSPER

PHASE I OF THIS STUDY IS TO DEVELOP A DETAILED PROPOSAL TO ESTABLISH A PERSCOM, INCLUDING DEFINITION OF MISSIONS AND FUNCTIONS, IMPACTS, RESOURCE IMPLICATIONS, COMMAND RELATIONSHIPS, AND COST-BENEFIT ANALYSIS. PHASE II WILL PROVIDE AN IMPLEMENTATION PLAN, IF THE PHASE I PROPOSAL IS APPROVED.

STUDY: FAILURE FACTOR DETERMINATION, REPAIR COST IN MANUFACTURING ENVIRONMENT

STUDY NUMBER: 2624 DTIC NUMBER: SPONSOR: DARCOM

THIS EFFORT WILL DEVELOP FILES AND SOFTWARE TO ESTIMATE FAILURE FACTORS FOR SPARES AND REPAIR PARTS AND DETERMINE REPAIR COSTS IN A MANUFACTURING ENVIRONMENT. ALSO, IT WILL DETERMINE THE RELATIONSHIP BETWEEN ACQUISITION AND REPAIR COSTS, AND TECHNOLOGY LEVEL.

STUDY: FEASIBILITY OF DEVELOPING AN ARMY PUBS SYSTEM WHICH PAYS FOR ITSELF

STUDY NUMBER: 2819 DTIC NUMBER: SPONSOR: TAGC

THIS STUDY WILL ADDRESS POSSIBLE SAVINGS UNDER A SYSTEM REQUIRING PUBLICATIONS USERS TO BUDGET AND PAY FOR PUBLICATIONS AND FORMS WHICH THEY USE.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

**FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982**

GOAL: MANAGEMENT

STUDY: FIRST TERM REENLISTMENT QUALITY (FITQUEST)

STUDY NUMBER: 2400 DTIC NUMBER: SPONSOR: DCSPER

THE ARMY HAS MANY PROGRAMS, POLICIES, MONETARY AND OTHER INCENTIVES TO RETAIN SOLDIERS IN THE SERVICE. THIS EFFORT WILL DEVELOP A SYSTEMATIC METHODOLOGY TO PERIODICALLY ASSESS THE IMPACT OF VARIOUS PROGRAMS AND POLICIES ON RETENTION.

STUDY: FUNCTIONAL DICTIONARY

STUDY NUMBER: 2726 DTIC NUMBER: SPONSOR: DCSPER

THIS STUDY WILL PROVIDE A DEFINITION AND UNIQUE CODE FOR BASOPS RELATED WORK CENTERS.

STUDY: FUNCTIONAL DICTIONARY - II

STUDY NUMBER: 2879 DTIC NUMBER: SPONSOR: DCSPER

THIS STUDY WILL EXTEND AN FY 82 EFFORT WHICH DEVELOPED A FUNCTIONAL DICTIONARY FOR BASOPS ONLY. THIS EXTENDED DICTIONARY WILL PROVIDE A DEFINITION AND UNIQUE CODE FOR EVERY WORK CENTER IN THE ARMY. THIS WILL ENABLE MANPOWER PLANNERS TO FUNCTIONALLY IDENTIFY EVERY ARMY SPACE.

STUDY: IMPACT OF INDUSTRIAL SURGE

STUDY NUMBER: 2927 DTIC NUMBER: SPONSOR: DCSPER

INDUSTRY MANPOWER NEEDS WILL INCREASE TO MEET PRODUCTION SURGE REQUIREMENTS. THIS COULD RESULT IN SEVERE SHORTAGES OF SKILLED AND MANAGEMENT MANPOWER FOR CRITICAL MOBILIZATION TDA JOBS. THIS STUDY WILL IDENTIFY INDUSTRY'S SURGE REQUIREMENTS AND ARMY SHORTFALLS.

STUDY: IMPROVING THE MILITARY SUGGESTION PROGRAM

STUDY NUMBER: 2798 DTIC NUMBER: SPONSOR: DCSPER

SUGGESTION SUBMISSIONS, ADOPTIONS AND TANGIBLE BENEFITS WITHIN THE ARMY HAVE DECLINED SIGNIFICANTLY OVER THE PAST FIVE YEARS. THE PURPOSE OF THIS STUDY WILL BE TO DETERMINE WAYS TO OBTAIN INCREASED COMMITMENT, SUPPORT AND PARTICIPATION IN THE MILITARY SUGGESTION PROGRAM.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

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GOAL: MANAGEMENT

STUDY: LIFE CYCLE COSTS FOR SOLDIERS

STUDY NUMBER: 2795 DTIC NUMBER: SPONSOR: DCSPER

ARMY DECISION MAKING REQUIRES A MEANS TO DETERMINE THE TRUE COST OF INDIVIDUALS, MILITARY AND CIVILIAN, ESPECIALLY IN THE AREAS OF BONUSES, ENTITLEMENTS, RECRUITMENT AND SCHOOLING. THIS STUDY WILL DEVELOP A METHODOLOGY TO DETERMINE THE COST OF PERSONNEL IN KEY GRADES AND SKILLS.

STUDY: LONGITUDINAL VALIDATION OF ARMED SERVICES VOCATIONAL APTITUDE BATTERY

STUDY NUMBER: 2487 DTIC NUMBER: SPONSOR: MEPCOM

THIS LONGITUDINAL STUDY WILL VALIDATE THE ASVAB BY COMPARING ASVAB SCORES OF A SELECTED SAMPLE OF HIGH SCHOOL STUDENTS WITH THEIR SUBSEQUENT PROGRESS IN CIVILIAN OCCUPATIONS.

STUDY: MAINTENANCE EXPENDITURE LIMITS FOR PROCUREMENT FUNDED SECONDARY ITEMS

STUDY NUMBER: 2722 DTIC NUMBER: DAOG3968 SPONSOR: DARCOM

THIS STUDY WILL DEVELOP A PROCEDURE FOR THE ANNUAL UPDATE AS A BASIS FOR OVERHAULING OR PURCHASING ITEMS SUCH AS ENGINES, TRANSMISSIONS, ROTOR BLADES, AND OTHER APPROPRIATION AND BUDGET ACTIVITY ACCOUNT CODED ITEMS.

STUDY: MANAGEMENT STUDY OF ARMY CRIMINAL INVESTIGATION LABS WORLDWIDE

STUDY NUMBER: 2757 DTIC NUMBER: SPONSOR: CIDC

THIS STUDY WILL DEVELOP PROCEDURAL GUIDANCE FOR A WORKLOAD MEASUREMENT/MANPOWER UTILIZATION SYSTEM AND A MANPOWER REQUIREMENTS MODEL. RESULTS WILL PROVIDE THE CAPABILITY TO FORECAST FUTURE REQUIREMENTS BASED ON CURRENT TRENDS AND TO DETERMINE MANPOWER IMPACTS.

STUDY: MANAGEMENT TOOLS FOR SECURITY ASSISTANCE REGIONAL MANAGERS

STUDY NUMBER: 2608 DTIC NUMBER: DAOG3991 SPONSOR: DARCOM

DEVELOPMENT OF PROCEDURES TO PROVIDE TIMELY AND ACCURATE TOTAL COUNTRY PICTURES FOR COUNTRY DESK MANAGERS, WITH FOCUS ON CASE REVISIONS, STATUS (FINANCIAL AND MATERIEL), AND CASE CLOSINGS.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982

GOAL: MANAGEMENT

STUDY: MANPOWER AVAILABILITY TIME FACTORS

STUDY NUMBER: 2401 DTIC NUMBER: DA0H0314 SPONSOR: DCSPER

THIS STUDY WILL PROVIDE INFORMATION ON TIME FACTORS FOR AVAILABILITY OF BOTH MILITARY AND CIVILIAN PERSONNEL, WITHIN CONUS AND OVERSEAS, IN BOTH WARTIME AND PEACETIME. THE INFORMATION WILL BE USED TO DETERMINE MANPOWER REQUIREMENTS BY ARMY PLANNERS AND THE ASD (MRA&L).

STUDY: MANPOWER MANAGEMENT SYSTEM

STUDY NUMBER: 2727 DTIC NUMBER: SPONSOR: DCSPER

ANALYSIS OF EXISTING STRUCTURE, PROCESSES, RELATIONSHIPS, AND RESOURCES FROM ALLOCATION, AUTHORIZATION REQUIREMENTS, REPORTING, USE, BUDGET, AND MANAGEMENT.

STUDY: MICTE (CRITICAL ISSUES AND CRITERIA FOR ENHANCING TESTS & EVALUATIONS)

STUDY NUMBER: 2689 DTIC NUMBER: SPONSOR: TRADOC

STUDY IS TO IDENTIFY AND SELECT THE IMPORTANT QUALITIES FOR IMPROVING THE MATERIEL TEST AND EVALUATION PROCESS.

STUDY: MILPERCEN MICROGRAPHICS STUDY

STUDY NUMBER: 2802 DTIC NUMBER: SPONSOR: DCSPER

THIS EFFORT WILL BE A COMPREHENSIVE ANALYSIS OF THE CURRENT OFFICIAL MILITARY PERSONNEL FILE (OMPF) SYSTEM TO DETERMINE MAINTENANCE, USAGE, FUNCTIONAL AND STATUTORY REQUIREMENTS, AND TO DETERMINE THE MOST EFFICIENT MANNER FOR TRANSITIONING TO EMERGING IMPROVED SYSTEM TECHNOLOGIES.

STUDY: MS-3 TRAINING REQUIREMENTS

STUDY NUMBER: 2931 DTIC NUMBER: SPONSOR: DCSPER

EXISTING MANPOWER SURVEYORS MUST BE TRAINED IN THE NEW DISCIPLINES OF THE MANPOWER STAFFING STANDARDS SYSTEM (MS-3). THIS EFFORT WILL ESTABLISH A ONE TIME TRAINING TEAM TO TRAVEL AND INSTRUCT BY REGION OR MACOM, AND TO ASSIST IN ANALYSIS OF NEW TRAINING REQUIREMENTS AND CURRICULA.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES

1 OCTOBER 1982

GOAL: MANAGEMENT

STUDY: OFFICER SEPARATIONS - WHY DO THEY LEAVE?

STUDY NUMBER: 2806

DTIC NUMBER:

SPONSOR: DCSPER

LARGE NUMBERS OF OFFICERS LEAVE THE ARMY AFTER COMPLETING THEIR OBLIGATIONS, FROM 3 TO 6 YEARS OF SERVICE. THIS STUDY WILL CONDUCT AN ANALYSIS OF THE FACTORS RESULTING IN AN INDIVIDUAL'S DECISION TO LEAVE THE ARMY.

STUDY: OPTIMAL ORGANIZATIONAL STRUCTURE (OOS)

STUDY NUMBER: 2785

DTIC NUMBER:

SPONSOR: USAREC

DETERMINATION OF APPROPRIATE ORGANIZATIONAL STRUCTURE TO MEET RECRUITING OBJECTIVES AND TO TAKE ADVANTAGE OF CHANGES TO MANAGEMENT SYSTEMS AND NEW INFORMATION SYSTEMS NOW BEING INSTALLED.

STUDY: OPTIMAL STRUCTURE FOR ROTC

STUDY NUMBER: 2801

DTIC NUMBER:

SPONSOR: DCSPER

THE DCSROTC IS A STAFF AGENCY WITHIN HEADQUARTERS, TRADOC. THIS STUDY WILL DETERMINE IF THE CURRENT ROTC ORGANIZATION IS THE OPTIMUM STRUCTURE TO PRODUCE OFFICERS FOR THE TOTAL FORCE.

STUDY: PROGRAMING AND BUDGETING OF ARMY RESOURCES (PROBARES)

STUDY NUMBER: 2938

DTIC NUMBER:

SPONSOR: COA

THIS STUDY IS TO DEVELOP AN ADP BASED PLANNING-THRU-EXECUTION SYSTEM FOR THE PPBS CYCLE. IT WILL BE USED BY BUDGETING PERSONNEL FROM HQDA TO INSTALLATION LEVEL FOR BUDGET FORMULATION, TRACKING AND REVIEW, AND ANALYSIS OF RESOURCE UTILIZATION.

STUDY: QUALITY OF CONTRACTUAL PERFORMANCE

STUDY NUMBER: 2721

DTIC NUMBER: DAOH0100

SPONSOR: DARCOM

THIS EFFORT WILL IDENTIFY THE MOST PREVALENT CAUSES OF INADEQUATE CONTRACTOR PERFORMANCE, LIST AVOIDANCE AND REMEDIAL TECHNIQUES, ANALYZE INNOVATIVE CORRECTIVE PROCEDURES, AND DEVELOP ALTERNATIVE TECHNIQUES.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982

GOAL: MANAGEMENT

STUDY: RETAIL SUPPLY & NONTACTICAL VEHICLE (NTV) FUNCTIONS

STUDY NUMBER: 2897 DTIC NUMBER: SPONSOR: DARCOM

DEVELOPMENT OF A NON-TACTICAL VEHICLE ALLOCATION AND RETAIL SUPPLY FUNCTIONS MODEL WITH IMPROVED PERFORMANCE INDICATORS FOR THE FUNCTIONS.

STUDY: ROTC MOBILIZATION POLICY

STUDY NUMBER: 2794 DTIC NUMBER: SPONSOR: DCSPER

CURRENT ARMY POLICY IS THAT SENIOR ROTC PROGRAMS (EXCEPT AT MILITARY COLLEGES) ARE DISCONTINUED UPON FULL MOBILIZATION. THIS STUDY WILL DETERMINE IF CRITICAL MOBILIZATION PERSONNEL REQUIREMENTS CAN BE MET WITH THE CONTINUATION OF SENIOR ROTC PROGRAMS DURING FULL MOBILIZATION.

STUDY: SIMPLE IN-COUNTRY LOGISTICS SYSTEM FOR SECURITY ASSISTANCE CUSTOMERS

STUDY NUMBER: 2680 DTIC NUMBER: DAOG8358 SPONSOR: DARCOM

DEVELOPMENT OF A BASIC LOGISTIC SYSTEM FOR SECURITY ASSISTANCE (SA) CUSTOMERS TO BE INCORPORATED INTO A TOTAL LETTER OF OFFER AND ACCEPTANCE PACKAGE. SEEN AS OF PARTICULAR VALUE IN LESSER DEVELOPED SA CUSTOMER COUNTRIES.

STUDY: SINGLE PRICING FOR MAJOR ITEMS IN FOREIGN MILITARY SALES

STUDY NUMBER: 0307 DTIC NUMBER: DAOG2102 SPONSOR: DARCOM

DETERMINATION OF ADVANTAGES, DISADVANTAGES AND FEASIBILITY OF A FIXED PRICE, FOR ITEMS OTHER THAN REPAIR PARTS, DURING THE FOREIGN MILITARY SALES CASE EXECUTION PERIOD.

STUDY: SOLDIER DATA CARD AND IDENTIFICATION TAG

STUDY NUMBER: 2867 DTIC NUMBER: SPONSOR: TRADOC

DESIGN OF MICROCHIP SDC AND ID TAG TO INTERFACE WITH COMPUTERIZED DATA BASES AND REPLACE MANUALLY PROCESSED PAPER RECORDS AND PRESENT "DOG TAG."

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982

GOAL: MANAGEMENT

STUDY: STAFFING PATTERNS IN DEPARTMENTS OF NURSING

STUDY NUMBER: 2763 DTIC NUMBER: SPONSOR: TSG

THIS STUDY WILL INVESTIGATE VARIOUS NURSE STAFFING PATTERNS AND RECOMMEND A SCHEDULING SYSTEM WHICH WILL RECOGNIZE STAFFING PREFERENCES; WILL INCREASE MORALE, JOB SATISFACTION, AND STAFF RETENTION; AND WILL BE COST EFFECTIVE.

STUDY: STANDARDS DATA MODEL (MS-3)

STUDY NUMBER: 2808 DTIC NUMBER: SPONSOR: DCSPER

NEW TECHNOLOGY IS AVAILABLE TO DEVELOP MANPOWER STANDARDS FOR THE MANPOWER STAFFING STANDARDS SYSTEM (MS-3). THIS STUDY WILL ANALYZE THE APPROPRIATENESS OF COMPUTER HARDWARE AND SOFTWARE PACKAGES TO PROVIDE ANALYTICAL CAPABILITY FOR STANDARDS DEVELOPMENT.

STUDY: SUPPLY PERFORMANCE INDICATORS

STUDY NUMBER: 2672 DTIC NUMBER: DAOG0625 SPONSOR: DARCOM

DEVELOPMENT OF A METHOD FOR TRACKING ELEMENTS (DEMANDS, LEAD TIMES, ETC.) THAT SIGNIFICANTLY AFFECT FUTURE SUPPLY PERFORMANCE SO THAT EARLY WARNING CAN BE GIVEN OF IMPENDING CHANGES.

STUDY: SUPPLY/MAINTENANCE TRADE-OFF ANALYSIS

STUDY NUMBER: 2379 DTIC NUMBER: DAOG7756 SPONSOR: DARCOM

DEVELOPMENT OF AN APPROACH TO OPTIMAL REPAIR LEVEL ANALYSES (ORLA). OPTIMIZATION IS THE MINIMIZING OF THE SUM OF SUPPLY, PERSONNEL, TEST EQUIPMENT, TRANSPORTATION, AND ADMINISTRATIVE COSTS.

STUDY: SURVEY OF WORKFORCE SKILLS

STUDY NUMBER: 2592 DTIC NUMBER: SPONSOR: DARCOM

DEVELOPMENT OF DATA DEFINING SKILLS AVAILABLE AND THE EXTENT OF UNDER-UTILIZATION OF SKILLS AMONG THE WORKFORCE SEGMENT MOST AFFECTED BY UPWARD MOBILITY PROGRAMS AT ELECTRONIC RESEARCH AND DEVELOPMENT COMMAND.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982

GOAL: MANAGEMENT

STUDY: TAXONOMY FOR ARMY LOGISTICS

STUDY NUMBER: 2614 DTIC NUMBER: DAOG3977 SPONSOR: DARCOM

DEVELOP A TAXONOMY TO INCLUDE ALL ASPECTS OF WHOLESALE AND RETAIL SYSTEMS, WITH CODING SO THAT EXISTING INFORMATION AND NEWLY DEVELOPED INFORMATION CAN BE EASILY CROSS-REFERENCED.

STUDY: TECHNIQUES FOR MINIMUM LOGISTICAL DATA COLLECTION IN USER ENVIRONMENT

STUDY NUMBER: 2625 DTIC NUMBER: SPONSOR: DARCOM

EXAMINATION OF ALTERNATIVE METHODS OF DATA COLLECTION TO DETERMINE AN EFFICIENT AND INEXPENSIVE METHOD OF ASSESSING THE SUPPORTABILITY OF NEW SYSTEMS.

STUDY: TELEPHONE SURVEY STUDY

STUDY NUMBER: 2791 DTIC NUMBER: SPONSOR: DCSPER

DEVELOPMENT AND IMPLEMENTATION OF PROTOTYPES TO ADAPT TELEPHONE SURVEY PROCEDURES TO THE ARMY ENVIRONMENT TO IMPROVE RESPONSE RATES AND RELIABILITY WHILE REDUCING TURNAROUND TIME IN DATA COLLECTION.

STUDY: THE ADJUTANT GENERAL'S PUBLICATIONS CENTERS - HOW MANY, WHERE?

STUDY NUMBER: 2818 DTIC NUMBER: SPONSOR: TAGC

THIS STUDY WILL ADDRESS POSSIBLE BENEFITS TO ACCRUE FROM CONSOLIDATION OF TWO PUBLICATIONS CENTERS INTO ONE. ADDITIONALLY, A LOCATION FOR THE SINGLE PUBLICATIONS CENTER WILL BE RECOMMENDED.

STUDY: TIME SPENT IN INDIRECT NURSING CARE

STUDY NUMBER: 2767 DTIC NUMBER: SPONSOR: TSG

THIS STUDY WILL DETERMINE THE AMOUNT OF TIME NURSING PERSONNEL SPEND IN INDIRECT PATIENT CARE. IT IS A FOLLOW-ON TO A STUDY OF THE AMOUNT OF TIME SPENT IN DIRECT PATIENT CARE WHICH WAS RECENTLY COMPLETED.

CHAPTER 1: NARRATIVE LISTING OF STUDIES BY TOTAL ARMY GOAL

FY 83 ARMY STUDY SUMMARIES
1 OCTOBER 1982

GOAL: MANAGEMENT

STUDY: USE OF OFFICER SPECIALTY CODES

STUDY NUMBER: 2809

DTIC NUMBER:

SPONSOR: DCSPER

UNDER THE DUAL SPECIALTY CODE SYSTEM, SOME SPECIALTIES ARE PERPETUALLY IN SHORT SUPPLY. IN THE FACE OF INCREASED COMPETITION FOR TECHNICALLY ORIENTED SKILLS IN THE FUTURE, ANALYSIS IS NEEDED TO EXPLORE OTHER OPTIONS FOR MANAGING THE OFFICER CORPS OVER THE NEXT 24 YEARS.

STUDY: VALIDATION STUDIES ON ARMED SERVICE VOCATIONAL APTITUDE BATTERY

STUDY NUMBER: 2489

DTIC NUMBER:

SPONSOR: MEPCOM

UNIVERSITIES PROVIDE A SOURCE OF ABLE RESEARCHERS WILLING TO FOCUS THEIR EFFORTS ON A VARIETY OF TOPICS. THESE UNIVERSITY STUDIES OF ASVAB WILL FUND A NUMBER OF VALIDATION EFFORTS BY UNIVERSITY PROFESSORS OR GRADUATE STUDENTS AS PRINCIPAL INVESTIGATORS. THESE STUDIES WILL VARY IN DESIGN.

CHAPTER 2: ALPHABETICAL LISTING OF FY83 ARMY STUDY PROGRAM

STUDY NO	TITLE	GOAL	SPONSOR	PERFORM AGENCY
2880	A STUDY OF ARMY FAMILIES	HUMAN	DCSPER	DCSPER
2576	ABCA QUADRAPARTITE WORK GROUP: TERRAIN	FUTURE DEVELOPMENT	TRADOC	TRASANA
2953	ADV TECHNOLOGY TGTS FOR INTEL RESEARCH	READINESS	ACSI	ACSI
2670	ADVANCED INVENTORY MODELS	READINESS	DARCOM	AMSSA
2836	AFATDS COEA/CTEA	MATERIEL	TRADOC	FAS
2425	AFPDA 84-93	STRATEGIC DEPLOYMENT	DCSOPS	CAA
2886	AH64 MALA	MATERIEL	TRADOC	AVNC
2887	AH64 TRAINING DEVICE	READINESS	TRADOC	TRANS
2955	AH64A AO-AI RELATIONSHIP	MATERIEL	DCSLOG	CAA
1844	AIR DEFENSE MAA	FUTURE DEVELOPMENT	TRADOC	ADS
1232	AIR THREAT TO CENTRAL EUROPE-90 (UPDATE)	READINESS	INSCOM	INSCOM
2546	AIR-TO-AIR STINGER (PQA)	MATERIEL	TRADOC	AVNC
2733	AIRCRAFT SPARE PARTS REQMENTS FORECASTING	MATERIEL	DCSRDA	DCSRDA
2473	ALOC IN WARTIME	MATERIEL	DCSLOG	DCSLOG
2772	ALRA II	STRATEGIC DEPLOYMENT	DCSOPS	CAA
2706	ALRA 1	FUTURE DEVELOPMENT	DCSOPS	CAA
2915	ALT TO CONVENTIONAL MOBILITY FUELS	MATERIEL	DCSLOG	DCSLOG
2492	AMBULATORY CARE DATA BASE	MANAGEMENT	TSG	HSC
2832	AMMO AFFORD ANALYSIS	READINESS	CAA	CAA

CHAPTER 2: ALPHABETICAL LISTING OF FY83 ARMY STUDY PROGRAM

STUDY NO	TITLE	GOAL	SPONSOR	PERFORM AGENCY
1915	AN/TSQ-73 MISSILE MINDER (TSEA)	READINESS	TRADOC	ADS
2656	ANAL OF VII CORPS ENGIN REQ FOR COMBAT	READINESS	COE	ESC
2890	ANNUAL FIELD EXPERIMENT TO SPT MODELING	FUTURE DEVELOPMENT	TRADOC	ARMC
1366	ANTI TACTICAL BALLISTIC MISSILE (ATBM)	MATERIEL	DCSOPS	DCSOPS
2629	APP OF LOG FEEDBACK DATA TO TECH BASE	MATERIEL	DCSLOG	LSO
2848	ARMOR MISSION AREA DEV PLAN	MANAGEMENT	TRADOC	ARMC
2310	ARMOR REMOTED TARGET SYSTEMS TDS	READINESS	TRADOC	ARMC
0404	ARMY AIR DEFENSE COMMAND & CONTROL	FUTURE DEVELOPMENT	TRADOC	ADS
2558	ARMY AIR DEFENSE FIRING DOCTRINE	FUTURE DEVELOPMENT	TRADOC	ADS
2812	ARMY AWARDS POLICY	MANAGEMENT	DCSPER	DCSPER
2349	ARMY BASELINE MANPOWER REQUIREMENTS	MANAGEMENT	DCSPER	DCSPER
2571	ARMY BATTLEFIELD INTERFACE CONCEPT	READINESS	TRADOC	CACDA
2557	ARMY COMMAND AND CONTROL MASTER PLAN	FUTURE DEVELOPMENT	TRADOC	CACDA
2761	ARMY HEALTH SER REG & THE TERT CARE SYST MANAGEMENT		TSG	HSC
2855	ARMY HELICOP IMPROVEMENT PROGRAM UPDATE	MATERIEL	TRADOC	AVNC
1231	ARMY LONG RANGE PLANNING ESTIMATE (LRPE)	FUTURE DEVELOPMENT	INSCOM	INSCOM
2347	ARMY MGT OF CLOTHING & EQUIPMENT	MATERIEL	DCSLOG	DCSLOG
2799	ARMY PRISONER POPULATION PREDICTION	MANAGEMENT	DCSPER	CAA
2786	ARMY RESERVE RECRUITING FACTORS (ARRF)	READINESS	USAREC	USAREC

CHAPTER 2: ALPHABETICAL LISTING OF FY83 ARMY STUDY PROGRAM

STUDY NO	TITLE	GOAL	SPONSOR	PERFORM AGENCY
2475	ARMY RESERVE UNIT MARKET POTENTIAL	READINESS	USAREC	USAREC
2729	ARMY SCI & ENG APPRENTICE PROG FOR HS	MANAGEMENT	DCSRDA	DCSRDA
1342	ARMY SCI & TECH BASE RETURN ON INVESTMEN	MATERIEL	DCSRDA	DCSRDA
2738	ARMY STRAT BALLISTIC MSL INIT MGT PLAN	MANAGEMENT	TRADOC	ADS
2910	ARMY-86 IMPACT ON DARCOM RESOURCES	MANAGEMENT	DARCOM	AMSSA
2876	ARTY REGISTRATION AND ADJ SYSTEM TDS	READINESS	TRADOC	FAS
2911	ATE WORKLOADING MODEL & FACTORS ANALYSIS	READINESS	DARCOM	AMSSA
2922	AUTO MGT SYSTEMS FOR BULK POL	MATERIEL	DCSLOG	DCSLOG
2945	AUTO RQMT FOR ARMY MGT OF CLOTHING/EQUIP	MATERIEL	DCSLOG	DCSLOG
2893	AUTOMATED DESIGN OF PLNG PROC, AIR DEF	READINESS	TRADOC	ADS
2737	AVIATION GROUND SUPPORT EQUIPMENT CLOE	MATERIEL	DCSRDA	DCSRDA
2896	AVIATION MAINTENANCE MANPOWER & LOG ANAL	READINESS	DARCOM	AMSSA
2954	AVIATOR TNG REQMT IN ARNG	READINESS	NGB	CAA
1823	BASE OPERATIONS WORKLOAD STUDY	MATERIEL	DCSLOG	CAA
2852	BATTLEFIELD CIRCULATION CONTROL STUDY	READINESS	TRADOC	MPSS
0700	BATTLEFIELD RECOVERY & EVACUATION CAPAB	READINESS	TRADOC	ORDS
2345	BMD TECH ASSESS & PLANNING	MATERIEL	BMDPO	BMDPO
2881	BORROWED OPNS STANDARDS STUDY (BOSS)	MANAGEMENT	DCSPER	CAA
2553	CASTFOREM DEV	FUTURE DEVELOPMENT	TRADOC	TRASANA

CHAPTER 2: ALPHABETICAL LISTING OF FY83 ARMY STUDY PROGRAM

STUDY NO	TITLE	GOAL	SPONSOR	PERFORM AGENCY
2839	CAV FIGHTING VEH TEA FOLLOW UP	READINESS	TRADOC	ARMC
2678	CENTRAL PREP OF LETTERS OF OFFER/ACCEPT	MANAGEMENT	DARCOM	AMSSA
2846	CHAPARRAL TSEA	READINESS	TRADOC	ADS
1937	CHAPLAIN SUPPORT IN MANEUVER BATTALIONS	LEADERSHIP	TRADOC	CHAPS
2691	CHEM ANALYSIS OF EUROPE III SCORES	FUTURE DEVELOPMENT	TRADOC	CHEMLS
2889	CHEMICAL FORCE MULTIPLIER EFFECTS	LEADERSHIP	TRADOC	CHEMLS
2849	CH47 PROD MODEL FLIGHT SIMULATOR	READINESS	TRADOC	AVNC
2613	CIVILIANS IN COMBAT ZONES & UNSAFE AREAS	HUMAN	DARCOM	AMSSA
2944	CLASS III PACKAGING	MATERIEL	DCSLOG	CAA
2315	CLOSE COMBAT HEAVY MAA	FUTURE DEVELOPMENT	TRADOC	ARMC
0175	CLOSE COMBAT, LIGHT MAA	FUTURE DEVELOPMENT	TRADOC	INFS
2942	COALITION WARFARE	MATERIEL	DCSLOG	CAA
2779	COLLATERAL DAMAGE CONSTRAINTS FOR CHEM	READINESS	DCSOPS	SSI
2912	COMBAT DAMAGE REPAIR PROGRAM	READINESS	DARCOM	AMSSA
2005	COMBAT PLL/ASL METHODOLOGY	READINESS	DARCOM	AMSSA
1405	COMBAT SUPPORT (NBC) MAA, PHASE-I	FUTURE DEVELOPMENT	TRADOC	CHEMLS
1910	COMBAT SUPPORT ENG AND MINE WAR MAA	FUTURE DEVELOPMENT	TRADOC	ENGs
2834	COMBAT SUPPORT NBC MAA PH II	FUTURE DEVELOPMENT	TRADOC	CHEMLS
2556	COMBINED SECOND ECHELON INTERDICTION	READINESS	TRADOC	CACDA

CHAPTER 2: ALPHABETICAL LISTING OF FY83 ARMY STUDY PROGRAM

STUDY NO	TITLE	GOAL	SPONSOR	PERFORM AGENCY
2875	COMMO ALTERNATIVES FOR OVER HORIZON SENS	FUTURE DEVELOPMENT	TRADOC	INTELS
2538	COMMUNICATIONS MAA, LEVEL II	FUTURE DEVELOPMENT	TRADOC	SIGS
2909	COMP.B DEFECTS AND SAFETY OF ARTILLERY	MATERIEL	DARCOM	ARRCOM
0194	CONSOL OF DOD CALIBRATION ACTIVITIES	MANAGEMENT	DARCOM	MICON
2917	CONTAINERIZED CARGO DIST SIZING ANAL	MATERIEL	DCSLOG	DCSLOG
2416	CONTINGENCY FORCE ANALYSIS	READINESS	DCSOPS	CAA
2760	CONUS AMEDD RESOURCE UTILIZATION IN MOB	READINESS	TSG	HSC
2525	CORDIVEM	FUTURE DEVELOPMENT	TRADOC	CACDA
1875	CORPS SUPPORT WEAPON SYSTEM (CTEA)	READINESS	TRADOC	FAS
0566	CORPS 86 STUDY	FUTURE DEVELOPMENT	TRADOC	CACDA
2830	COSAGE ENHANCEMENT	FUTURE DEVELOPMENT	CAA	CAA
1923	COST METHODOLOGY TO SUPPORT ARMY 86-88	FUTURE DEVELOPMENT	TRADOC	CACDA
2873	COUNTERTERRORISM STUDY	FUTURE DEVELOPMENT	TRADOC	MPSS
2870	CP SCTY CONCERNS FOR DIV/CORPS/EAC	FUTURE DEVELOPMENT	TRADOC	MPSS
2781	CROSSASSIGNMENT OF RECRUITING MISSIONS	READINESS	USAREC	USAREC
2350	C2 SIMULATION	MANAGEMENT	CAA	CAA
2884	C2 SUBSYS OF AFATDS	FUTURE DEVELOPMENT	TRADOC	FAS
2856	C3 COUNTERMEASURES	READINESS	TRADOC	CACDA
2913	DARCOM INSTALL CAPABILITIES EVALUATION	MANAGEMENT	DARCOM	AMSSA

CHAPTER 2: ALPHABETICAL LISTING OF FY83 ARMY STUDY PROGRAM

STUDY NO	TITLE	GOAL	SPONSOR	PERFORM AGENCY
2605	DARCOM PROVISIONING METHODOLOGY VALIDATI	MANAGEMENT	DARCOM	AMSSA
2936	DAY OF SUPPLY VS. DAY OF SUSTAINABILITY	MATERIEL	DCSLOG	CAA
2820	DECENTRALIZATION OF TAGO PRINTING	MANAGEMENT	TAGC	TAGC
2215	DEGRADED MODE OPERATION CONSIDER FOR C3I	MATERIEL	DARCOM	AMSSA
2770	DENTAL QUALITY ASSURANCE	HUMAN	TSG	HSC
2769	DEPENDENT DENTAL CARE NEEDS	MANAGEMENT	TSG	HSC
2807	DESERTER RETURNEE PROCESSING	MANAGEMENT	DCSPER	DCSPER
2860	DETECTION & TRACKING OF TACTICAL NUC WPN	READINESS	TRADOC	INTELS
1392	DETERMINATION OF MATERIEL CANCELLATION	MATERIEL	DCSLOG	AMSSA
2200	DIRECT SPT AUTOMATIC TEST SUPPORT SYSTEM	MATERIEL	TRADOC	LOGCLS
2562	DIST OF CLASS III PCK PRODUCTS IN THEA	MATERIEL	TRADOC	QMSS
2530	DIVAD SUBCAL DEVICE TRAINING DEVELOPMENT	READINESS	TRADOC	ADS
1887	DIVISION SUPPORT WEAPON SYSTEM (CTEA)	MATERIEL	TRADOC	FAS
2116	DIVISION SUPPORT WEAPONS SYSTEM (DSWS)	MATERIEL	DARCOM	ARRADCO
2777	DOLLARS TO READINESS	READINESS	DCSOPS	DCSOPS
2902	DOLLARS VS READINESS	MANAGEMENT	DARCOM	AMSSA
2782	DRC EFFICIENCY MODEL	READINESS	USAREC	USAREC
2906	DYNAMIC ANALYSIS OF AMMO PRODUCTION BASE	READINESS	DARCOM	ARRCOM
0153	ECHELONS ABOVE CORPS	FUTURE DEVELOPMENT	TRADOC	CACDA

CHAPTER 2: ALPHABETICAL LISTING OF FY83 ARMY STUDY PROGRAM

STUDY NO	TITLE	GOAL	SPONSOR	PERFORM AGENCY
2921	ECON MODEL FOR MAINT SYST	MATERIEL	DCSLOG	DCSLOG
1821	ECON MODEL FOR OPTIMIZING TROOP DINING F	MATERIEL	DCSLOG	CAA
2926	ECONOMIC BENEFIT TO MILITARY COMMUNITIES	MANAGEMENT	DCSPER	CAA
2575	EFFECTS OF NUC REL DOC ON CBT EFF	FUTURE DEVELOPMENT	TRADOC	CACDA
2150	ELECTRONIC WARFARE SYSTEMS STUDY	MATERIEL	DARCOM	AMSSA
2923	ELEVATED CAUSEWAYS FOR LOTS OPS	MATERIEL	DCSLOG	DCSLOG
2850	ELEVATED SENSOR PLATFORM ANALYSIS CTEA	READINESS	TRADOC	FAS
2768	EMERGENCY DENTAL CARE	MANAGEMENT	TSG	HSC
2810	ENGINEER & SCIENTISTS DUAL TRACK SYSTEM	HUMAN	DCSPER	DCSPER
1007	ENGINEER MODELING STUDY	FUTURE DEVELOPMENT	TRADOC	ENGs
2483	ENLISTMENT INCENTIVES STUDY	READINESS	USAREC	USAREC
2478	ENLISTMENT PROJECTION MODEL (EPM)	READINESS	USAREC	USAREC
2821	EVAL OF CMF-76 (SUPPLY)	MATERIEL	DCSLOG	QMSS
2788	EVAL OF REG MOB READINESS CAP OF USACE	READINESS	COE	ESC
2712	EVAL OF STOCKAGE OBJECTIVES	MATERIEL	DCSLOG	CAA
2240	EVALUATION OF KARLSRUHE BASOPS SUPPORT	HUMAN	DARCOM	AMSSA
2762	EVALUATION OF PHYSICAL READINESS PROGRAM	READINESS	TSG	HSC
0740	EVALUATION OF PROVISIONING PROCEDURES	READINESS	DARCOM	AMSSA
2218	EVALUATION OF THE ARMY MERIT PAY SYSTEM	HUMAN	DCSPER	DCSPER

CHAPTER 2: ALPHABETICAL LISTING OF FY83 ARMY STUDY PROGRAM

STUDY NO	TITLE	GOAL	SPONSOR	PERFORM AGENCY
2624	FAILURE FACTOR DETERMINATION-REPAIR COST	MANAGEMENT	DARCOM	CERCOM
2819	FEASIBILITY OF DEVEL ARMY PUB SYSTEMS	MANAGEMENT	TAGC	TAGC
2929	FEDERAL EMPLOYEE UNIONS & MOBILIZATION	READINESS	DCSPER	DCSPER
2835	FIBER OPTICS GUIDED MISSILE	MATERIEL	TRADOC	AVNC
2837	FIGHTING VEH TRAINING AMMO (TEA)	READINESS	TRADOC	INFS
2838	FIGHTING VEH UCOF TRAINER	READINESS	TRADOC	INFS
2882	FIRE SUPPORT MAA UPDATE	LEADERSHIP	TRADOC	FAS
2698	FIRE SUPPORT TEAM VEH (FIST V)	MATERIEL	TRADOC	FAS
2400	FIRST TERM REENL QUALITY (FITQUEST)	MANAGEMENT	DCSPER	CAA
2833	FORCE EFFECTIVENESS MEASURES	FUTURE DEVELOPMENT	CAA	CAA
2829	FORCEM	FUTURE DEVELOPMENT	CAA	CAA
2394	FORWARD AREA LASER SYS - TAC & FISCAL	MATERIEL	DCSRDA	CAA
2934	FORWARD MAINT OF ELECTRONIC COMPONENTS	MATERIEL	DCSLOG	CAA
2726	FUNCTIONAL DICTIONARY	MANAGEMENT	DCSPER	DCSPER
2879	FUNCTIONAL DICTIONARY - II	MANAGEMENT	DCSPER	DCSPER
2858	FUTURE MUNITIONS SUPPORT CONCEPTS	FUTURE DEVELOPMENT	TRADOC	TRADOC
2877	GRND SURV REMOTE RADAR SYS/CTEA	READINESS	TRADOC	FAS
2878	GRND SURV REMOTE RADAR SYS/TDS	READINESS	TRADOC	FAS
2765	HEALTH STATUS OF WOMEN IN THE ARMY	HUMAN	TSG	HSC

CHAPTER 2: ALPHABETICAL LISTING OF FY83 ARMY STUDY PROGRAM

STUDY NO	TITLE	GOAL	SPONSOR	PERFORM AGENCY
2845	HIGH & MEDIUM AIR DEF SYSTEMS INTEROP	FUTURE DEVELOPMENT	TRADOC	ADS
2484	HIGH SCHOOL & BEYOND SURVEY	READINESS	USAREC	USAREC
2925	HISPANIC CONTENT IN THE ARMY THRU 2000	HUMAN	DCSPER	DCSPER
2946	HQ SOUTHCOM INTEL ADP SPT RQMT	FUTURE DEVELOPMENT	ACSI	ACSI
2532	HUMAN SIDE OF COMBAT EQUATION	LEADERSHIP	TRADOC	SSC
2854	IEW SPT TO AIR DEFENSE OPERATIONS	READINESS	TRADOC	INTELS
2745	IEW, ELECTROMAGNETIC SIGNATURE/SIGNAL	MATERIEL	TRADOC	INTELS
2844	IHAWK EVOLUTION	FUTURE DEVELOPMENT	TRADOC	ADS
2822	ILS COST PROG	MATERIEL	DCSLOG	DCSLOG
2927	IMPACT OF INDUSTRIAL SURGE	MANAGEMENT	DCSPER	CAA
2864	IMPACT OF THREAT MOD TECH	FUTURE DEVELOPMENT	TRADOC	INTELS
2933	IMPLICATIONS OF SPACE SYST FOR THE USA	FUTURE DEVELOPMENT	DCSOPS	DCSOPS
1784	IMPROV DEFINITION OF THE OBJECTIVE FORCE	FUTURE DEVELOPMENT	DCSOPS	CAA
2637	IMPROVED MACRIT	HUMAN	TRADOC	LOGCLS
2798	IMPROVING THE MILITARY SUGGESTION PROG	MANAGEMENT	DCSPER	DCSPER
2871	INFANTRY REMOTE TARGET SYS/CTEA	READINESS	TRADOC	INFS
2920	INTEGRATION OF MTMC/MS	MATERIEL	DCSLOG	DCSLOG
1839	INTEL & ELEC WARFARE MODEL/PH II	FUTURE DEVELOPMENT	TRADOC	TRASANA
2937	INTERSERVICE SUPPORT WARTIME STUDY	MATERIEL	DCSLOG	CAA

CHAPTER 2: ALPHABETICAL LISTING OF FY83 ARMY STUDY PROGRAM

STUDY NO	TITLE	GOAL	SPONSOR	PERFORM AGENCY
2554	JANUS ENHANCEMENTS FOR CGSC	FUTURE DEVELOPMENT	TRADOC	TRASANA
2823	JOINT PROG ASSESS MEMO (JPAM)	MATERIEL	DCSLOG	CAA
2773	JSPD ANALYSIS - 83	STRATEGIC DEPLOYMENT	DCSOPS	CAA
2397	KOREAN AIR FIELD DAMAGE REPAIR	READINESS	COE	ESC
2874	LARGE AREA SMOKE SIM	FUTURE DEVELOPMENT	TRADOC	CHEMLS
2795	LIFE CYCLE COSTS FOR SOLDIERS	MANAGEMENT	DCSPER	CAA
0177	LIGHT DIV 86 STUDY	FUTURE DEVELOPMENT	TRADOC	CACDA
2914	LOGISTICS IN AMIP MODELS	MATERIEL	DCSLOG	CAA
2919	LOGISTICS PLANNING APPORTIONMENT	MATERIEL	DCSLOG	DCSLOG
2941	LONG RANGE RESOURCE DEV & ACQUI PLANNING	MATERIEL	DCSRDA	DCSRDA
2487	LONGITUDINAL VALIDATION OF ASVAB	MANAGEMENT	MEPCOM	MEPCOM
2883	LT HELICOPTER FAMILY/COEA	MATERIEL	TRADOC	AVNC
2907	MACHINE TOOL INDUSTRY STUDY	READINESS	DARCOM	DARCOM
2866	MAINT CAP ATTACK MODEL (MACATAK)	FUTURE DEVELOPMENT	TRADOC	LOGCLS
2569	MALA METHODOLOGY	FUTURE DEVELOPMENT	TRADOC	LOGCLS
2735	MANAGEMENT OF BLOCK IMPROVEMENTS	MATERIEL	DCSRDA	DCSRDA
2411	MANAGEMENT OF MTOE EDATES	MATERIEL	DCSLOG	CAA
2608	MANAGEMENT TOOLS FOR SECURITY ASSISTANCE	MANAGEMENT	DARCOM	AMSSA
2688	MANEUVER CONTROL SYST COST PERFORMANCE	FUTURE DEVELOPMENT	TRADOC	CACDA

CHAPTER 2: ALPHABETICAL LISTING OF FY83 ARMY STUDY PROGRAM

STUDY NO	TITLE	GOAL	SPONSOR	PERFORM AGENCY
2401	MANPOWER AVAILABILITY TIME FACTORS	MANAGEMENT	DCSPER	DCSPER
2727	MANPOWER MANAGEMENT SYSTEM	MANAGEMENT	DCSPER	DCSPER
1347	MATERIELS HANDLING AND PROCESSING	READINESS	DARCOM	DESCOM
2824	MAX FLYING HOURS FOR ARMY AIRCRAFT	MATERIEL	DCSLOG	CAA
2939	MAXFLY PHASE - II	MATERIEL	DCSLOG	CAA
2764	MEDICAL DEFENSE AGAINST BIO WARFARE	READINESS	TSG	HSC
2491	MEDICAL SUPPORT IN AN NBC ENVIRONMENT	READINESS	TSG	HSC
2862	METEOR DATA SYS TDS	READINESS	TRADOC	FAS
2891	METEOR DATA SYS, AN/TMQ31 (COEA)	FUTURE DEVELOPMENT	TRADOC	FAS
0271	METHODOLOGY FOR ESTIMATING USEFUL LIFE	MATERIEL	DARCOM	AMSSA
1048	METHODOLOGY FOR LOGISTIC SUPPORTABILITY	READINESS	DARCOM	AMSSA
2722	METHODOLOGY TO UPDATE MAINT EXPEND LIMIT	MANAGEMENT	DARCOM	AMSSA
2757	MGT OF ARMY CRIM INVEST LABS WORLDWIDE	MANAGEMENT	CIDC	CIDC
2940	MICAF	STRATEGIC DEPLOYMENT	DCSOPS	CAA
2724	MICROCLIMATE SYSTEM TRADE-OFF STUDY	MATERIEL	DARCOM	NLABS
2689	MICTE	MANAGEMENT	TRADOC	CACDA
2399	MIDDLE EAST TARGETING ANALYSIS (META)	READINESS	COE	ESC
2930	MIL SFOUSE EDUCATION/EMPLOYMENT STATUS	HUMAN	DCSPER	DCSPER
2536	MILITARY OPERATIONS IN URBAN TERRAIN	FUTURE DEVELOPMENT	TRADOC	TRASANA

CHAPTER 2: ALPHABETICAL LISTING OF FY83 ARMY STUDY PROGRAM

STUDY NO	TITLE	GOAL	SPONSOR	PERFORM AGENCY
2630	MILITARY OPERATIONS RESEARCH SYMPOSIUM	READINESS	OCSA	OCSA
2144	MILLIMETER WAVE ELECTRONIC SCAN ANTENNAS	MATERIEL	DARCOM	ERADCOM
2802	MILPERCEN MICROGRAPHICS STUDY	MANAGEMENT	DCSPER	DCSPER
2625	MIN LOG DATA COLLECTION IN USERS ENVIRON	MANAGEMENT	DARCOM	CERCOM
2843	MINI ATTACK DRONE	MATERIEL	TRADOC	FAS
2776	MOBADDs III	MATERIEL	DCSOPS	CAA
2956	MOBILITY PLANNING/PROGRAMMING INTERFACE	MATERIEL	DCSLOG	CAA
0498	MOBREM	READINESS	DCSOPS	CAA
2831	MODEL DEV/IMP	FUTURE DEVELOPMENT	CAA	CAA
2853	MODELING CONTINUOUS OPERATION VARIABLES	FUTURE DEVELOPMENT	TRADOC	SSC
2851	MORTAR TRAINING DEVELOPMENT STUDY	READINESS	TRADOC	INFS
2931	MS-3 TRAINING REQUIREMENTS	MANAGEMENT	DCSPER	DCSPER
2840	MSE-P/J HYBRID-SINGCARS RELATIONSHIP	MATERIEL	TRADOC	SIGS
2948	MULTI ECHELON SUPPLY MODEL (MESM)	MATERIEL	DCSLOG	CAA
0461	MULTIPLE LAUNCH ROCKET SYSTEM (CTEA)	READINESS	TRADOC	FAS
2474	NATIONAL ADVERTISING EFFECTIVENESS STUDY	READINESS	USAREC	USAREC
1079	NATO ARMY ARMTS GRP TAC & LOG (PANEL XI)	MATERIEL	DCSRDA	CAA
2778	NBC CONTAMINATION SURVIVABILITY	MATERIEL	DCSOPS	DCSOPS
2728	NEEDS OF USARMY FOR SCI/ENGR/TECHNICIANS	MANAGEMENT	DCSRDA	DCSRDA

CHAPTER 2: ALPHABETICAL LISTING OF FY83 ARMY STUDY PROGRAM

STUDY NO	TITLE	GOAL	SPONSOR	PERFORM AGENCY
2885	NURADS COEA/CTEA	FUTURE DEVELOPMENT	TRADOC	FAS
2806	OFFICER SEPARATIONS - WHY DO THEY LEAVE?	MANAGEMENT	DCSPER	DCSPER
0539	OMNIBUS 82	READINESS	DCSOPS	CAA
2775	OMNIBUS 83	READINESS	DCSOPS	CAA
0334	OPERATIONAL DEMOGRAPHIC ANALYSIS	READINESS	USAREC	USAREC
0746	OPNL READINESS ORIENTED LOG SPT MODEL	READINESS	DARCOM	AMSSA
2825	OPTIM OF USAREUR AMMO CALL-FWD	MATERIEL	DCSLOG	DESCOM
2785	OPTIMAL ORGANIZATIONAL STRUCTURE (OOS)	MANAGEMENT	USAREC	USAREC
2801	OPTIMAL STRUCTURE FOR ROTC	MANAGEMENT	DCSPER	DCSPER
2947	PACKAGED CLASS III INTERCHANGEABILITY	MATERIEL	DCSLOG	CAA
2943	PACKAGED CLASS III RQMTS COMPUTATION	MATERIEL	DCSLOG	CAA
2784	PERS LONG RANGE PLNG SYS (PLRPS)	READINESS	USAREC	USAREC
2348	PERSCOM STUDY	MANAGEMENT	DCSPER	DCSPER
2696	POWER SOURCES STUDY	MATERIEL	TRADOC	ENGS
1345	PRE & POST MARITAL MINISTRY	HUMAN	CCH	CCH
2938	PROG & BUD OF ARMY RES (PROBARES)	MANAGEMENT	COA	COA
1238	PROJECTION OF SOVIET/WP CHEM WARFARE CAP	READINESS	INSCOM	INSCOM
1237	PROJECTION OF SOVIET/WP E/W THREAT	FUTURE DEVELOPMENT	INSCOM	INSCOM
2766	PROTECTION & INSPECTION OF SUBS IN NBC	READINESS	TSG	HSC

CHAPTER 2: ALPHABETICAL LISTING OF FY83 ARMY STUDY PROGRAM

STUDY NO	TITLE	GOAL	SPONSOR	PERFORM AGENCY
2758	QUALITY OF CARE INDICATORS	HUMAN	TSG	HSC
2721	QUALITY OF CONTRACTUAL PERFORMANCE	MANAGEMENT	DARCOM	AMSSA
2732	RDTE PROCEDURES FOR MINOR ITEMS OR SMALL MATERIEL		DCSRDA	DCSRDA
2901	READINESS RSI FUNCTIONS (ID/DOCUMENT)	READINESS	DARCOM	AMSSA
2257	RECPOM	MATERIEL	DCSOPS	CAA
2783	RECRUITING INCENTIVES SURVEY (RIS)	READINESS	USAREC	USAREC
2749	REDUCING SOLDIER LOAD	READINESS	TRADOC	INFS
2477	RELAT BET RCTG RESRC, ENVIR, & ARMY RCTG READINESS		USAREC	USAREC
1069	RELATIONSHIP BETWEEN MUZZLE POSITION	MATERIEL	DARCOM	AMSSA
2455	RESIDUAL RISK AS MEASURE OF RDTE PROGRAM MATERIEL		DCSRDA	DCSRDA
2841	RESTRUCTURING DIV FM NETS	FUTURE DEVELOPMENT	TRADOC	SIGS
2897	RETAIL SUPPLY & NONTACTICAL VEH (NTV)	MANAGEMENT	DARCOM	AMSSA
0767	RIMSTOP IMPLEMENTATION	MATERIEL	DCSLOG	AMSSA
2452	ROBOTICS IN THE ARMY	FUTURE DEVELOPMENT	DCSRDA	DCSRDA
2714	ROLE OF SECURITY ASSISTANCE IN WARTIME	MATERIEL	DCSLOG	SSI
2794	ROTC MOBILIZATION POLICY	MANAGEMENT	DCSPER	DCSPER
2797	SECURITY OF NUCLEAR WEAPONS MOVEMENTS	READINESS	DCSPER	DCSPER
2869	SELEC CRIT FOR AIR LAND BATTLE SOLDIER	HUMAN	TRADOC	SSC
2148	SENSOR SYSTEM STUDY	MATERIEL	DARCOM	AMSSA

CHAPTER 2: ALPHABETICAL LISTING OF FY83 ARMY STUDY PROGRAM

STUDY NO	TITLE	GOAL	SPONSOR	PERFORM AGENCY
2563	SIGMA (PQA)	MATERIEL	TRADOC	CACDA
2680	SIMPLE IN-COUNTRY LOG SYST FOR SCTY ASST MANAGEMENT		DARCOM	AMSSA
2861	SIMULATION TRAINER ANTIARMOR GUNNERY SYS READINESS		TRADOC	INFS
0307	SINGLE PRICING FOR MAJOR ITEMS IN FMS	MANAGEMENT	DARCOM	AMSSA
2867	SOLDIER DATA CARD AND ID TAG	MANAGEMENT	TRADOC	SSC
2868	SOLDIER FACTORS IN MAA	HUMAN	TRADOC	SSC
2952	SOVIET ANAL MODELS - II (SAM II/SAM-83)	READINESS	ACSI	CAA
2935	SOVIET SOLDIER: IMMIGRANTS W/SOVIET MIL	READINESS	ACSI	ACSI
1215	SOVIET/WP GROUND/AD THREAT (GADT)	FUTURE DEVELOPMENT	INSCOM	INSCOM
2826	SPEC DEFENSE ACQ FUND	MATERIEL	DCSLOG	LEA
2842	SPECIAL ELECTRONIC MISSION AIRCRAFT	MATERIEL	TRADOC	AVNC
2750	SPECIAL FORCES SYSTEM ANALYSIS	FUTURE DEVELOPMENT	TRADOC	IMA
2908	SPREAD SPECTRUM POLLUTION & EFFECTS	MATERIEL	DARCOM	CERCOM
2763	STAFF PATTERNS IN DEPTS OF NURSING	MANAGEMENT	TSG	HSC
2808	STANDARDS DATA MODEL (MS-3)	MANAGEMENT	DCSPER	DCSPER
2751	STARLOG 81	MATERIEL	TRADOC	ORDS
1929	STRUCTURING THE DIV FOR CONTINUOUS OPS	FUTURE DEVELOPMENT	TRADOC	CACDA
2672	SUPPLY PERFORMANCE INDICATORS	MANAGEMENT	DARCOM	AMSSA
2379	SUPPLY/MAINTENANCE TRADEOFF ANALYSIS	MANAGEMENT	DARCOM	AMSSA

CHAPTER 2: ALPHABETICAL LISTING OF FY83 ARMY STUDY PROGRAM

STUDY NO	TITLE	GOAL	SPONSOR	PERFORM AGENCY
2894	SUPPORT TO HIGH TECH LIGHT DIV (HTLD)	STRATEGIC DEPLOYMENT	DARCOM	AMSSA
2592	SURVEY OF WORKFORCE SKILLS	MANAGEMENT	DARCOM	ERADCOM
2863	SURVIV OF UNMANNED AIR RECON VEH TGT ACQ MATERIEL		TRADOC	INTELS
0545	TAA - 88/AYA	STRATEGIC DEPLOYMENT	DCSOPS	CAA
2774	TAA - 90	STRATEGIC DEPLOYMENT	DCSOPS	CAA
1216	TAC AND STRATEGIC AIR-TO-SURFACE MISSILE	FUTURE DEVELOPMENT	INSCOM	INSCOM
2818	TAG PUBLICATIONS CENTERS	MANAGEMENT	TAGC	TAGC
2857	TANK FLEET ANALYSIS STUDY	FUTURE DEVELOPMENT	TRADOC	ARMC
2333	TANK WEAPON GUN SIMULATION SYSTEM	READINESS	TRADOC	ARMC
2614	TAXONOMY FOR ARMY LOGISTICS	MANAGEMENT	DARCOM	AMSSA
2734	TECH INNOVATION AND TRANSFER POTENTIAL	FUTURE DEVELOPMENT	DCSRDA	DCSRDA
2791	TELEPHONE SURVEY STUDY	MANAGEMENT	DCSPER	DCSPER
1874	TERMINAL GUIDED SUBMISSILES/COEA	MATERIEL	TRADOC	FAS
2622	TEXTILE & APPAREL INDUSTRY CAPAB FOR MOB	READINESS	DARCOM	NLABS
2753	THEA ARMY POST DEPLOY SOFTWARE SYS (PDSS)	MATERIEL	TRADOC	LOGCLS
1922	THREAT AMMO LOGISTICS CAPABILITIES	READINESS	TRADOC	CACDA
2767	TIME SPENT IN INDIRECT NURSING CARE	MANAGEMENT	TSG	HSC
2865	TRANS SUPPORT TO CONTINGENCY OPS	STRATEGIC DEPLOYMENT	TRADOC	TRANS
2828	TRANSMO IMPROVEMENT	STRATEGIC DEPLOYMENT	CAA	CAA

CHAPTER 2: ALPHABETICAL LISTING OF FY83 ARMY STUDY PROGRAM

STUDY NO	TITLE	GOAL	SPONSOR	PERFORM AGENCY
2918	TRANSPORTATION WORKLOAD FORECASTING	MATERIEL	DCSLOG	DCSLOG
2007	TREATMENT OF ITEM ESSENTIALITY IN CCSS	READINESS	DARCOM	AMSSA
2827	UNIT PRODUCTIVITY TRANS	MATERIEL	DCSLOG	DCSLOG
2928	UNIT READINESS INDICATOR	READINESS	DCSPER	DCSPER
2951	UNIT ROTATION SYSTEM ANALYSIS - III	READINESS	DCSPER	CAA
2489	UNIVERSITY VALIDATION STUDIES OF ASVAB	MANAGEMENT	MEPCOM	MEPCOM
2003	UPDATING FAILURE FACTORS	READINESS	DARCOM	AMSSA
2787	USACE MANPOWER STUDY	READINESS	COE	ESC
2809	USE OF OFFICER SPECIALTY CODES	MANAGEMENT	DCSPER	CAA
2872	UTIL OF MM WAVE COMM COLLECTION	FUTURE DEVELOPMENT	TRADOC	INTELS
2790	V CORPS ENGINEER ESTIMATE	READINESS	COE	ESC
2391	VECTOR II COMB EFF ANALYSIS	FUTURE DEVELOPMENT	TRADOC	TRASANA
2759	VETERINARY DOCTRINE IN SUPPORT OF MOB	READINESS	TSG	HSC
0009	VIPER (CTEA)	READINESS	TRADOC	INFS
2916	VISIBILITY OF ASSETS BELOW DEPOT (VISA)	MATERIEL	DCSLOG	LEA
2796	VOLUNTEER VETERAN MOBILIZATION	READINESS	DCSPER	DCSPER
2859	VULNERABILITY ASSESSMENTS	FUTURE DEVELOPMENT	TRADOC	MICON
2634	WAR REPLACEMENT FACTORS, ASF CDE EQUIP	MATERIEL	DCSLOG	LOGCLS
2673	WAR RESERVE ADP SYSTEM PROJECT	READINESS	DARCOM	AMSSA

CHAPTER 2: ALPHABETICAL LISTING OF FY83 ARMY STUDY PROGRAM

STUDY NO	TITLE	GOAL	SPONSOR	PERFORM AGENCY
1393	WARRANTY DECISION PROCESS	MATERIEL	DCSLOG	LSO
2666	WARTIME DEPOT MAINTENANCE	READINESS	DARCOM	AMSSA
2443	WARTIME REQ NEAR TERM - FY 85 (EUROPE)	STRATEGIC DEPLOYMENT	DCSOPS	CAA
2949	WARTIME REQ NEAR TERM - FY 87 (MID EAST)	STRATEGIC DEPLOYMENT	DCSOPS	CAA
2434	WARTIME REQ PROGRAMMING - FY90 (EUROPE)	STRATEGIC DEPLOYMENT	DCSOPS	CAA
2435	WARTIME REQ PROGRAMMING - FY90 (KOREA)	STRATEGIC DEPLOYMENT	DCSOPS	CAA
2895	WEAPON SYSTEM NATIONAL STOCK NUMBER	READINESS	DARCOM	AMSSA
2723	WESTCOM VEHICLE RUST & CORROSION STUDY	MATERIEL	DARCOM	AMSSA
2789	8TH ARMY ENGINEER FORCE ANALYSIS	READINESS	COE	ESC

TOTAL NUMBER OF STUDIES: 332

APPENDIX A

ARMY STUDY COORDINATORS

1. Each Army Staff agency and major command has designated a Study Coordinator whose duties include --

a. Advising the agency head or commander on all matters concerning the conduct and administration of studies and the resources both dollars and professional staff-years, required for studies.

b. Developing the agency or command Army Study program and the supporting study budget.

c. Serving as the agency or command point-of-contact for outside agencies on all study matters.

d. Monitoring the agency or command Army Study requirements.

e. Assisting Study Advisory Group (SAG) members and study action officers in the management of the individual Army Study efforts.

2. A current listing of Army Study Coordinators is provided beginning on the following page.

3. Any changes to the list of Army Study Coordinators should be reported to either LTC JJ Kelly or MAJ Dwight Weaver, Army Study Program Management Office (DACS-DMO) Washington D.C. 20310, 697-0026 (commercial) or 227-0026 (AUTOVON).

ARMY STUDY COORDINATORS
(1 OCTOBER 1982)

AGENCY	COORDINATOR	SYMBOL	TELEPHONE	LOCATION
DUSA(OR)	MR. D LESTER	SAUS-OR	697-6742	2E621
ASA(M&RA)	DR. N KINZER	SAMR	697-2631	2E591
OCPA	MR. T WILLIAMS	SAPA-ZC	697-8393	2E646
OCSA	LTC JJ KELLY	DACS-DMO	697-0026	3C567
PA&ED	LTC D PEARCE	DACS-DPD	697-4460	3C736
CAA	MAJ G TILLERY	CSCA-MSM-O	295-1005	8120 WOODMONT AVE BETHESDA, MD 20814
OTEA	MAJ J YEISLEY	CSTE-ZS	756-2367	5600 COLUMBIA PIKE FALLS CHURCH, VA 22041
BMDPO	MS. R SEALS	BMDSC-PS	8-742-3600	PO BOX 1500 HUNTSVILLE, AL 35807
DCSOPS	MR. E SMITH	DAMO-ZD	695-2459	3A538
DCSPER	LTC R PEDERSON	DAPE-ZBR	697-6842	2C734
DCSLOG	MR. W WELLS	DALO-PLF	695-3320	2C564
DCSRDA	MAJ P BRILLANTE	DAMA-PPM-A	695-3664	3C364
COA	MR. G SMITH	DACA-RMP	697-5661	3B725
ACSI	MR. M KELLY	DAMI-ZC	697-2298	2E464
TSG	LTC S ARNT	DASG-HCD-S	697-2213	2D515
CCH	MS. I BUTCHER	DACH-PPI	695-1409	1E423
TJAG	MAJ G LEELING	DAJA-ZX	695-3786	2E444
NGB	MR. F SAN PIETRO	NGB-ARC-P	697-0084	2D400
CAR	COL J SULLIVAN	DAAR-PLO	695-5117	3E390
TAGO	MR. R HARDEN	DAAG-ZDP	694-4671	1E665
COE	MR. D HOWE	DAEN-ZCM	695-2337	1E686

<u>AGENCY</u>	<u>COORDINATOR</u>	<u>SYMBOL</u>	<u>TELEPHONE</u>	<u>LOCATION</u>
COE (ESC)	MR. L SURPRISE	ESC	325-6819	BLDG 2594 FT BELVOIR, VA 22060
USAREUR	DR. H SLATER	AEAGX-OR	8-370-6415	APO NY 09403
TRADOC	MAJ W ROSS	ATCD-AU	8-680-3114	FT MONROE, VA 23651
FORSCOM	MR. W BHARMAL	AFCO-MD	8-588-3334	FT MCPHERSON, GA 30330
DARCOM	DR. J LAZARUK	DRCDM-S	274-8038(C)	5001 EISENHOWER AVE ALEXANDRIA, VA 22333
USACC	MR. M NICK	ACC-OPS-PM	8-879-6555	FT HUACHUCHA, AZ 85613
MTMC	CPT A RIEVIE	MT-PL	756-1127	WASHINGTON, DC 20315
CIDC	CPT H PEOPLES	CIAC-MS	756-1521	5611 COLUMBIA PIKE FALLS CHURCH, VA 20315
MDW	MS. I MURRAY	ANRM-RE	693-0603	FT MCNAIR WASHINGTON, DC 20319
INSCOM	CPT A KOURKOUTIS	IAMA	692-6249	ARLINGTON HALL STATION ARLINGTON, VA 22212
MEPCOM	DR. W GRAHAM	MEPCT-P	8-459-2872	FT SHERIDAN, IL 60037
USAREC	MR. J TOOMEPUU	USARCPAE-RE	8-459-3365	FT SHERIDAN, IL 60037
USMA	MS. B ARNOTT	MACO-M	8-688-4277	WEST POINT, NY 10996
SSI(USAWC)	MR. J CAMERON	AWCI	8-242-3230	CARLISLE BRKS, PA 17013

NOTE 1: MAILING ADDRESS IS WASHINGTON, D.C. 20310, EXCEPT WHERE NOTED.

APPENDIX B

DOD STUDIES AND ANALYSES POINTS OF CONTACT

The following have been identified by their respective DOD agencies as their studies and analyses points-of-contact:

Office of the Under Secretary of Defense for Policy

ATTN: Mr. John P. Merrill 697-6301
Room 4B880, The Pentagon
Washington, D.C. 20301

Office of the Assistant Secretary of Defense (PA&E)

ATTN: Mr. Thomas P. Christie 695-0528
Room 2E330, The Pentagon
Washington, D.C. 20301

Office of the Assistant Secretary of Defense (Atomic Energy)

ATTN: Colonel William Kahn 697-3097
Room 3E1074, The Pentagon
Washington, D.C. 20301

Organization of the Joint Chiefs of Staff

ATTN: Dr. William G. Lese, Jr. 695-9153
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